



REPORTING BOOK - 7<sup>at</sup>7

# **The Springbok**

**THE OFFICIAL JOURNAL**

**OF**

## **The Royal Canadian Dragoons**



**PUBLISHED BY PERMISSION OF**

**LIEUTENANT-COLONEL C. MILNER, CD**

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## TABLE OF CONTENTS

Message from the Colonel of the Regiment .....	2
Message from the Commanding Officer .....	3
Message from the President of the RCD Association .....	5
Message from the Immediate Past President, RCD Association .....	5
Centurion: Leopard Ceremonies. ....	7
Canadian Army Trophy .....	10
A Squadron .....	14
Training Diary .....	16
RCD Association .....	19
B Squadron .....	22
SABCA-TFCS .....	24
Sports 77 .....	25
Corps and Regimental Update .....	29
D Squadron .....	32
RCD Cadets .....	39
RCD Wives Club .....	41
The Blues and Royals .....	42
HQ Squadron .....	44
Family Day .....	47
Leliefontein 77 .....	48
BCD in Germany .....	49
Leopard Maintenance .....	51
Christmas Dinner .....	52
RCD Kit Shop .....	53
ERE Dragoons .....	54
In Memoriam .....	55



**A LEOPARD 1A2 OF A SQUADRON IN SOUTHERN GERMANY**



**MESSAGE  
FROM  
THE COLONEL OF THE REGIMENT**

It seems hard to believe that this will be my last message as Colonel of the Regiment. The time, since my appointment in July 1975, has gone all too quickly and although I hope to visit The Regiment once more before my three year term has ended, I regret that I could not have been with you more frequently.

I am especially sorry I wasn't able to be with The Regiment last Spring when you won the Canadian Army Trophy for Tank Gunnery. The more one thinks about that marvelous victory the more one realizes its magnitude and the terrific odds you had to overcome to emerge the winner. There is no doubt in my mind that the win will go down in the annals of our peacetime history as one of its highlights. Nevertheless we cannot accept all the credit. We must not forget, apart from the very special qualities of leadership provided by Dragoon Officers and NCOs for the competition, that the win was also the result of the excellent system of training the Corps has developed over the years. Special credit must go to the Combat Arms School. Nevertheless it was The Regiment that won and in doing so amply demonstrated the professionalism that abounds within the Corps.

My visit to Lahr for Leliefontein 77 was a great pleasure. Each event, culminating in a truly magnificent parade made me feel very proud to be a Dragoon.

I hope that 1978 will be a prosperous and happy year for all ranks and that The Regiment goes from success to success.



*M.H. Bateman*

M.H. Bateman  
Colonel of the Regiment

## MESSAGE FROM THE COMMANDING OFFICER

I wish to take this opportunity again to send my personal regards and those of all ranks at the Regiment to Dragoons everywhere, both serving and retired. I am confident that this edition of the Springbok fulfills its aim — that of keeping you abreast with the activities of the Regiment, and of feeling a part of it.

Though a particularly busy year, it has been an exciting and successful one. The conversion from Centurion to Leopard went extremely well. We retired the Centurion from a quarter century of service with the Regiment in a fitting manner. General JADDEX, CDS, reviewed the last roll past and took the final salute. It was a day of mixed emotions for many present who had learned their trade with her, and the Regiment will be forever indebted to the service she provided.

(It must be added that the Armoured School, Gagetown, will continue to train on Centurion until Summer 1978 when she will be retired from service with the Canadian Forces.)

The Leopard is indeed a different breed of CAT, but, due to the tireless efforts of the crews, instructors and support personnel, it was well and truly mastered. Details of the courses and gun camps are written of later, but I must state that we all had much to learn. Ways had to be changed, techniques altered and new ones learned. Here the crews came into their own with their, «It's great. Let's get on with it» attitude.

The success of their efforts was evidenced in the winning of the Canadian Army Trophy at Bergen-Hohne Ranges in April. It was a great achievement for the Regiment, the Corps and the Forces as a whole, for it was against considerable odds that the coveted and prestigious trophy was wrestled from the other five competing nations of Central Army Group. It was a proud day for us all.

As always the summer rotation took its toll. It is always hard to say Auf Wiedersehen to those departing but then the new arrivals quickly take their places as a part of the team. 1977 was a change from recent years in that many of the new soldiers were young recently graduated troopers. Their youth and vitality added a new dimension to the Regiment, in a way, putting us old sweats back on our toes. I am pleased with the way they became a part of the Regiment. They have added much.

We had a thoroughly enjoyable and successful FALLEX. The weather and Bavaria were very kind to us, and Leopard allowed us to participate fully. It runs as well as it



shoots, and even the fitters got to see the area from other than the inside of an engine compartment.

We had the added pleasure of having a troop from each of the British Columbia Dragoons and the Prince Edward Island Regiment participate with us. Their performance was a credit to the Militia and the Corps and this practice should continue.

We did well at sports in 1977, winning both the CFE Volleyball and Intermediate Hockey championships. The winning of these major sports events is again evidence of the spirit and enthusiasm which abounds in the Regiment.

Looking to the future, I directed the Regiment to commence planning for our centennial in 1983, in conjunction with the Association. Many projects are under way, but one I wish to mention is the intention to publish a history of our Regiment. It will be in two matching volumes, one pictorial and the other a written account of the first hundred years. Research has begun and in due course requests for photographs and information will be sent.

1978 looks like another action packed year with the arrival of Leopard C1, conversion to it, major exercises, gun camps, preparation for CAT '79 and the myraid of other activities that we will be involved with. I am confident, however, that with the people and equipment we are blessed with we will acquit ourselves in the manner to which we have become known for. Semper Optimus.



C. Milner  
Lieutenant-Colonel  
36th Commanding Officer  
The Royal Canadian Dragoons

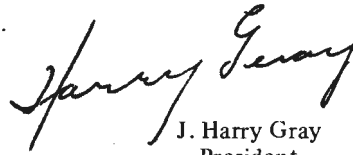
**MESSAGE  
FROM  
THE PRESIDENT, THE RCD ASSOCIATION**

Dragoons, both serving and former members should know that your Association is alive and well, thanks in very large part to the dedication and efforts of the Past-President C.J. (Syd) Williams. I know you will all join me in a «thank you» to him. We are fortunate that he has taken on the key position of secretary-treasurer.

As the new President, I pledge myself to carry on the traditions of our Regiment through the Association, to foster with all members support for its endeavours and to provide a focal point for comradeship amongst those who have had the honour to serve with The Royal Canadian Dragoons.

To all those in the Association I would like to ask for your active participation in its affairs. It can only achieve its objectives this way. I look forward to getting to know you better, to co-ordinating your efforts and to having fun with you at our gatherings.

To all readers best wishes and good luck for 1978.

  
J. Harry Gray  
President

**MESSAGE  
FROM  
THE IMMEDIATE PAST PRESIDENT, THE RCD ASSOCIATION**

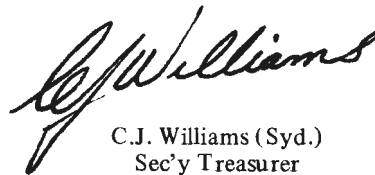
I wish to thank all of you that have assisted us in the past five years to make The Association what it is today. We certainly could not have nursed it along if it were not for the members' help.

One thing I must request again, please let me know of any change in address. I am still receiving a number of letters returned because of moved, unknown or deceased, causing a lot of inconvenience and extra expense.

I am very sorry I was unable to be with The Regiment for our Leliefontein celebrations this year but am really looking forward to another visit in the near future.

Our next Re-Union and Dinner Dance, in 1978 will be in Ottawa, Ontario. The date and place will be passed on as soon as it is available. Our 1977 General Meeting and Dinner Dance held in Montreal, Que., was fairly good. We kept our head above water, financially.

I am very pleased to say that Harry Gray of Toronto is our new President. I don't think it could have been turned over to a better man. I certainly hope everyone assists him as much as possible. Pat Forgrave is now our First Vice President replacing George Watier who had to retire from Directorship owing to his health. I am now Sec'y Treasurer, first time I have done this job, but I promise to do my best with it.

  
C.J. Williams (Syd.)  
Sec'y Treasurer





The CO accepts delivery of the first Leopard.



The outgoing DCO, Maj Dave Henderson, is presented a memento by the CO for his service to the Regiment.



RCD Combat Leaders' Course.

## CENTURION/LEOPARD CEREMONIES - 2 JUNE 77

In May 1945, six prototype tanks were sent to the European theatre of operations – they would be called Centurion. Although, they were not brought into action, the venerable tank would see action in other battlefields in one or more of its 21 versions that would be produced. Powered by the Rolls Royce 650 HP V-12 engine derived from the Spitfire and Hurricane aircraft of Battle of Britain fame, its 20-pounder, then 105mm, gun has seen action in Korea, Pakistan and the Middle East. In these actions, the modernized Centurion dominated the engagements and proved superior to both Russian and American-made tanks. The Centurion was formally retired from the RCD this year after 26 years of outstanding service.

On 7 January 1977, the first Leopard A2 arrived in unit lines and by mid-April the fleet was complete. These tanks, on loan from the Bundeswehr, will be with the Regiment for approximately two years until the Leopard C-1 production is completed. The black maple leaf quickly appeared where the iron cross once was.

On 2 June 1977, the Regiment formally retired the Centurion and brought the Leopard into service. The ceremony was reviewed by General J.A. Dextraze, the Chief of Defence Staff. Following the dismounted salute to the old «agonywagon», the Centurions rolled by. Then came the Leopards in the final farewell.



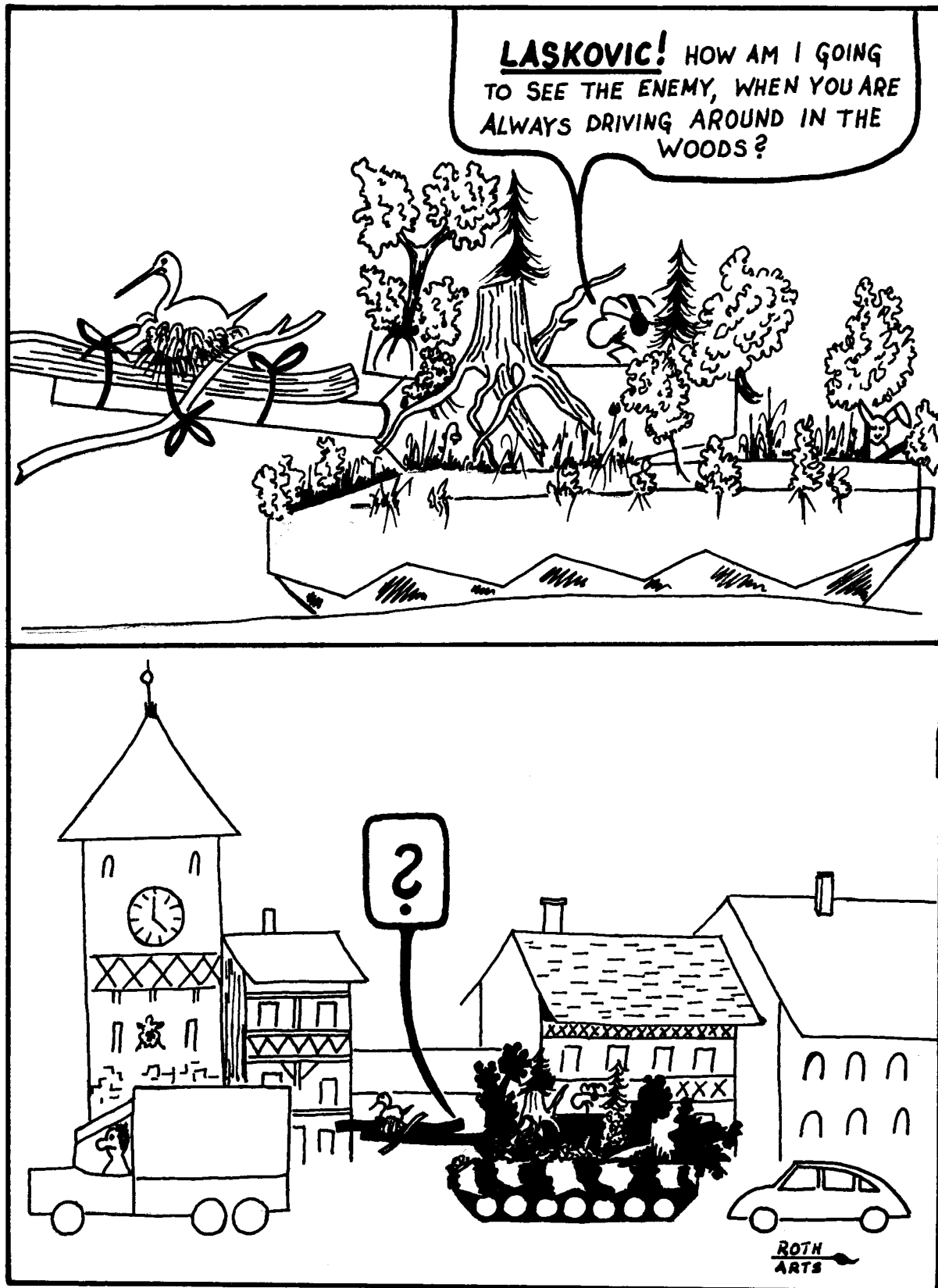
4 Troop B Squadron pass in review.



Everyone said farewell.

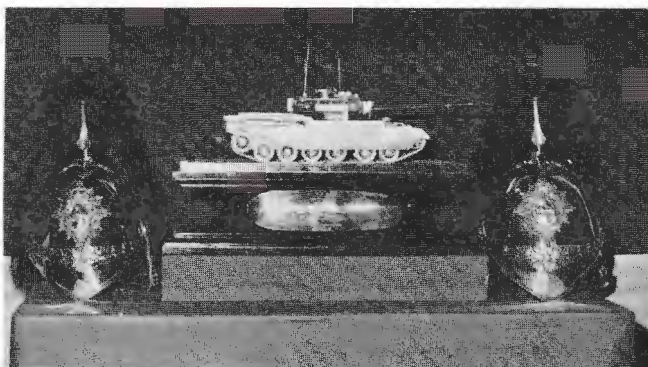


Two old soldiers say goodbye to a third.





## CANADIAN ARMY TROPHY 1977



In 1963, Canada decided to provide a trophy for competition to enhance the standard of tank gunnery within the Armoured forces of the Central Region of NATO. This trophy was a half metre silver model of a Centurion Tank and was designated the Canadian Army Trophy. During the period 1963-1968, the competition was held yearly and Canada actively pursued the attainment of being «top gun» among the competing nations. In Centennial year, 1967, Canada was successful and captured the trophy for the first time. In the period 1971-1975, Canada withdrew from competition when 4 CMBG moved into the Lahr area. However, Canada continued to provide the trophy for competition, now held every second year, under the auspices of the Commander-in-Chief, Allied Forces Central Europe (CINCENT).

Upon completion of the 1975 competition, it appeared that interest was waning. The Supreme Allied Commander Europe (SACEUR) breathed life into the event and in 1977, for the first time, all six allied nations in the central region took part. Canada successfully won for the second time.

The competition has gone through three changes in concept. At the outset, each participating nation provided five tanks and individual tanks fired TPDS and HESH practices from a static pad at ranges of up to 3000 metre. There was no limitation to the amount of ammunition or time allowed for practice, therefore, tank crews were selected and trained like gladiators of old. In 1970, the concept evolved of a two-tank battle run and produced the intended aim, «To further the standard of tank gunnery».

The rules of the 1977 competition required each participant to provide 12 tanks and crews to undergo a troop battle run simulating the advance in contact. Additionally, through a selection process, one troop was drawn and nominated as a reserve troop; therefore, the scores of the remaining three troops were counted. Each troop consisted of three tanks, which was the lowest common denominator of the competing nations. Other riders introduced were: the denial of main armament practice ammunition and the selection of teams one month prior to the competition.

Over a three-bound battle run, each troop was presented with a total of 15 moving and static tank targets (1.9 metre wide x 1.0 metre high) in random presentations of a single, double, triple or pair of doubles up to ranges of 2000 metre. The troop was also presented with six groups of ten (.3 x .3 metre) MG targets between bounds. To engage this variety of targets, each tank was bombed up with ten TPDS and 100 rounds of 7.62 MG ammunition. The object for the troop to successfully engage all targets with speed and expend the minimum amount of ammunition. The scoring system was designed to reflect the troops' ability, not the individual tank crew's ability, to perform under conditions of war. Obviously, the troop was required to train and function as a well-drilled unit.







The major hurdle for RCD was the recent conversion from Centurion to Leopard and the subsequent lack of in-depth knowledge of the equipment. Albeit the regiment knew that the team would be picked from within its resources, the advantage was not claimed as the crews were not selected until after gun camp in March in which each squadron received eight firing days. Much to the chagrin of some and the apprehension of others, the crews were chosen from both tank squadrons and placed under command of the team captain, Captain Tom Burnie.

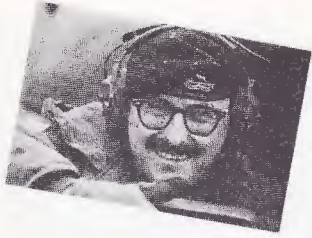
With three weeks of preparation time available, the team commenced training in Lahr and then moved to Bergen ranges to conduct dry battle runs, FMR practices and live MG practices under the coaching of the team captain, WO Len Sutherland, WO Toon Martin and Sgt Fred Bierhorst. As time rapidly passed, the remaining NATO teams arrived and the social aspects of the event began with a steady round of activities. The unwelcome position of reserve troop fell upon Lt Mike Pacey and first troop. However, when they competed among the reserve troops, they were runner-up, having achieved the second highest troop score in the competition – and the highest Canadian score.

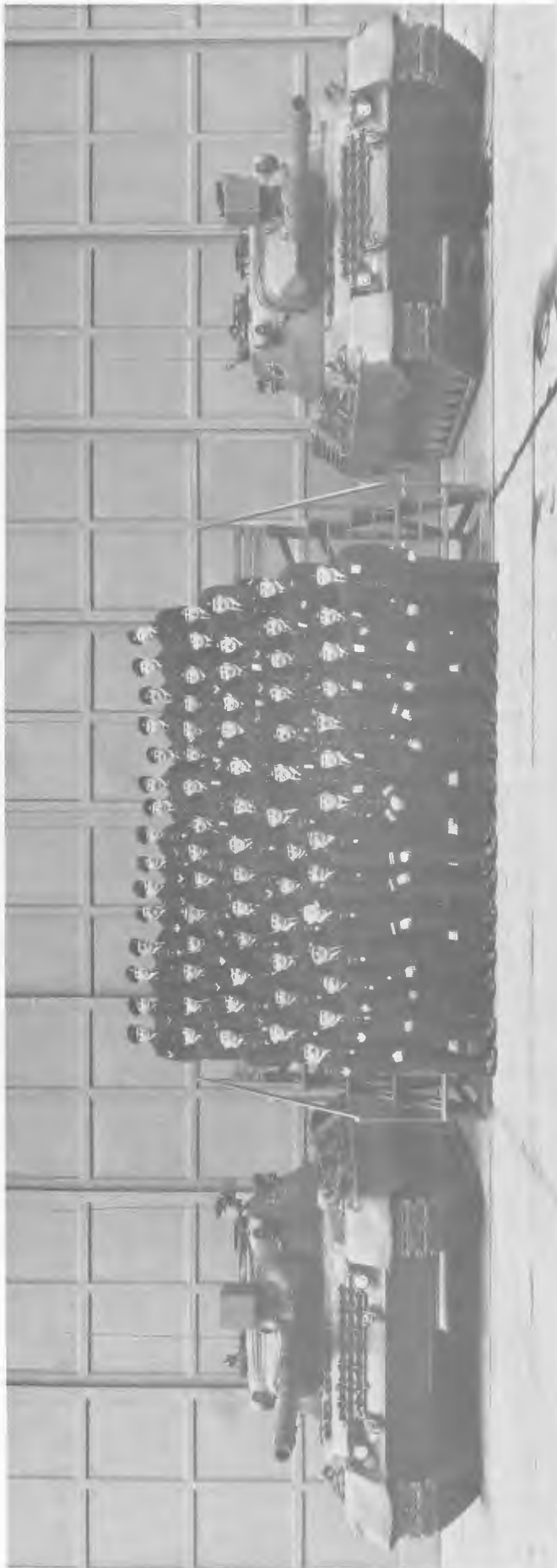
The competition ran very smoothly with the RCD leading in aggregate score every day. The order of march was third troop under the command of Lt Carmen McKay, fourth troop commanded by Lt Steve Moffat, second troop under the command of Lt Chris Davis, followed by the reserve troop. An example of the excellent shooting produced by all troops was the run by fourth troop in which a pair of head on movers were both successfully engaged in nine seconds, followed by a single static target successfully engaged in nine seconds, and a pair of static targets in seven and eight seconds respectively. These times are derived from the time of presentation until successful engagement and all ranges were estimated.



The tension was evident as the days passed and it was with considerable pride that the team was paraded by the team captain to CINCENT to receive the main trophy. MGen (now LGen Ramsey Withers) presented individual trophies to each team member and MGen J.P.R. Larose presented a commemorative scroll to each team member.

One aspect that has been neglected is the achievements of another segment of the regiment, «CATS ASS» (Canadian Army Trophy Teams' Administrative Support Squadron). This group, composed of A and HQ squadrons, provided all the necessary and sometimes mundane tasks to free the CAT team from everything but training and competition. Their complete support was a contributing factor in Canada's successful venture.





A SQUADRON 1977



## A SQUADRON



Over the past years A Squadron, along with the Regiment, has fought and won numerous battles. The year 1977 again presented the squadron with the opportunity to win some battles and it succeeded superbly.

As a matter of fact, it is the entire Corps that saw the fruits of many when the Leopards entered the North Marguerite. Tremendous excitement was felt amongst the personnel of A Squadron; the first to be equipped with the new tank. Quite a challenge awaited us because we had to become an operational Leopard squadron within a few months. With the help of a unit instructional team which had just completed the German Armoured Corps Leopard course, the battle was over by the end of March.

The greatest victory of the year was achieved using live ammunition . . . at the Canadian Army Trophy competition. In addition to supplying two troops for the competition itself, the Squadron was responsible for the administrative support of the Regimental team. Both tasks were accomplished effectively and the results proved it.

After more Leopard crewman courses a Regimental gun camp was held at the NATO Ranges, Bergen. Members of the Squadron won the trophies for the best troop, 2 Troop, commanded by WO Ballard and best crew, 14C, commanded by MCpl Woods. Following the gun camp the Squadron moved to Münsingen to finish its tactical training.

Numerous battles were fought in August and September during the training in Hohenfels and the fall exercises. The infantry realized that the Leopard could go faster reversing cross-country than the APC's moving forward! A Squadron did not win all the conflicts . . . but the war was finally won.

Back to garrison life, the squadron prepared for the Leliefontein activities and the Commander's inspection.

After the festivities and parades the squadron was involved in more Leopard courses. With all of this behind them, everyone was happy to go on Christmas leave with pride in the Regiment for having won CAT, and pride in themselves for the individual and squadron accomplishments of the past year. In the inevitable process of change, personalities in the squadron went on to other tasks. Major Acreman went to command HQ Squadron, WO Nichols, WO Sutherland, WO Martin, and Sergeants Howie, Bierhorst and Tower left for Canada with Sergeant-Major Whyte. Major Bart arrived from Canada in July to take over the squadron and SSM Perron is now in SSM Whyte's old office.

As the reader realizes the squadron was extremely busy this year, perpetuating its tradition of work and valour.



**Ammo Party!**



**No, it's not chicken!**



**18E to the rescue.**



**Champions**



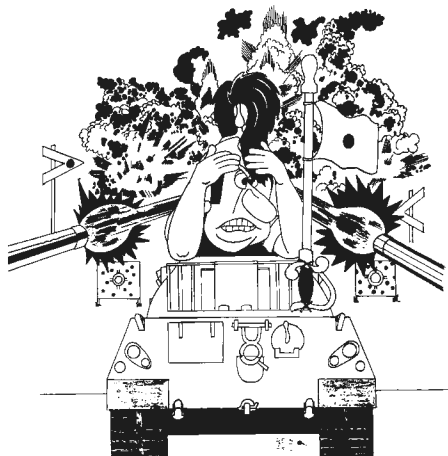
**No, sir. I haven't seen your pipe.**



**Draw!**



## TRAINING DIARY - 1977



**JANUARY** found the RCD receiving loan Leopard A2s while the Centurion was still on the ground. We had to become operational on the new tank, so the cadre of instructors, whom the Queen had sent to the German Armoured School at Munster in Dec 78, ran a series of conversion courses.

Headed by the Tech Adjt, Captain Harry Mohr, the team was turned loose on the regiment. WO Tom Hogan and his crew of instructors (WO Rod McDougall, WO Stu Ballard, Sgt Gordie Whalen and Sgt John Rathwell) taught the new MG to 60 students. They also taught the SEM family of German radios to all loader/operators.

WO Len Nichols of A Sqn and his band of merry men (Sgts Jim Dort, Tom Degruchy, Arnie Smith, Dennis Arsenault and WO Ziggy Stach) handled the D&M conversion courses. They ran two four-week courses for 50 students.

The next team was lead by Captain Tom Burnie. He had WO «Suds» Sutherland, WO Dave Ritchie, Sgt Bob Butler, WO Jack Rothenburg, Sgt Vic Harvie, WO Tooner Martin and Sgt Bill Nolte as instructors for the Tank Gunnery Package. Their course, initially theory, had 40 students.

And last but not least in the conversion package, was a two week period where all crew commanders were brought up to speed, mainly in gunnery.

In January the regiment also let 130 soldiers attend the 4 CMBG ski school in Feldburg. A type of reward adventure training the two weeks were most appreciated by those who were fortunate enough to be selected.

**FEBRUARY.** The courses that started in January ended during the third week. The tanks were loaded on trains and taken to Bergen-Hohne on the 27th for the Qualification Gun camp. Each squadron fired for one week and the conversion gunnery course completed their first line gunner qualifications. The RGO and his instructors stayed for the complete period and identified the potential CAT team.

**MARCH.** Our personnel returned to Lahr from Hohne on the 18th. RGO and crew deeply involved with selection and preparation of CAT 77 team.

**APRIL.** A Sqn and RGO returned to Hohne to finalize preparations for CAT. Team selected and trained in earnest. CAT 77 was 25-28 Apr. We WON!

This month also saw Capt B.J. Forsyth lead 30 keen soldiers to Trier on the Mosel River to attend a month long French Commando Course. During the course the team broke many Commando School records and B.J. selected a team of ten to represent Canada, 4 CMBG and The RCD at an International Recce Competition in May.

RSM Busher took remainder of Regt to Heuberg to complete annual Small Arms Qualifications during the last week.

**MAY.** Unit ecstatic and very proud of CAT team. Was hard to forget and get back to work. Recce Sqn's team headed to Freyung and competed in Boeselager Cup Competition (Recce Competition). They did not win but improved over their 76 results.

**JUNE.** We ran another set of Leopard courses. Lt (now Capt) Joe Artibise of A Sqn headed the Gunnery course which had 20 students. Lt Bruce MacKinnon - B Sqn, ran the D&M package. Most students were «Super Troop» direct from CTC Gagetown.

Maj Darrell Dean took his squadron to Ohr Park to swim - To swim their vehicles.

CO took his regiment to Bergen Hohne Gun camp during the last week of the month and first week of July. Maj Graham's squadron (B) won majority of hardware: Ram's Head Trophy for highest squadron standard in tank gunnery - and Purdy Cup for top squadron in battle runs. MCpl Wood's crew in C/S 14C was declared best tank in the competition and won the Challenge Cup. The best troop was WO Ballard's Troop - C/S 12.

**JULY.** Regt returned to Lahr on the 9th. A relatively quiet period to allow leave for most people.

**AUGUST.** New Sqn commanders — Maj Gary Bart into A Sqn; Maj Angus Brown into B Sqn; Graham replaced Dean in Recce Sqn; and Maj Roger Acreman moved into HQ Sqn slot. Sixteen days at Munsingen on «black hat» work. A and B Sqn bivouaced; RHQ and HQ Sqn in the Munsingen Holiday Inn. Where was Recce Sqn? Returned to Lahr for seven days. Then off to Hohenfels on the 25th. Must not forget the militia troops. Capt Bruce Stevens took 15 BCD's to Recce Sqn. Received Lynx and trained hard. Lt Rusty Stairs had 16 Spud Islanders who trained with and worked for RHQ. Both troops did very well.

**SEPTEMBER.** In Hohenfels. Couple of days back at basics then work with Infantry Battalions for two weeks. Problem area was mileage restriction on loan tanks, in fact a couple tanks were grounded for several days and most long moves were done on transporters. Training took us up to Combat Team level, then the RCD Battle group exercise followed, by both infantry battalion exercises. On 8th Gen Vance conducted Ex «Naab Jubilee» — a defence type exercise.

On the 11th, the complete brigade moved by road and rail to an area north of Lake Constance. We arrived as Reforger 77 began. Eight days without stop where 40,000 troops rolled over the country side. Called Ex «Carbon Edge», we were bad guys for the Big Red One (1st Infantry Div) from continental USA. On the US side was 29 Panzer Bde including our affiliated German unit from Stetten. 293 Pz Bn. LCol Milner had bounty on LCol Wilpart's head (he is the CO 293). No luck! The exercise saw us on defence for two to three days, followed by two days of being pushed back (mainly by umpires). We re-



**COMBAT ARMS ADVANCED DRIVERS COURSE 7702** — the first course in which CTC instructors have taught Leopard D&M to advanced drivers. The ten participants are from the four regiments in the RCAC: The RCD, LdSH (RC), 8 CH and 12e RBC. Back row, left to right: MCpl Joe Gurney, Sgt Phil Simon, Sgt G.I. Barker, Sgt Ray Graves, MCpl Bob Lescombe, Sgt Tom Copplestone, Sgt Bax Lockyer, MCpl Keith Burbridge, Sgt Don Abbs, Sgt G.I. Dalton, Front row, left to right: CTC instructors Sgt Don Verge, WO «Red» Hayes, Capt Howie Marsh (OC), WO Len Nichols, Sgt Rudy Jobin, Sgt John Russell.

grouped and then went on offensive until Endex. Points that jump to mind about this exercise:

- Leopard's reliability and mobility.
- Lt Mike Pacey's troop and their lesson on complete turret down. (No one in the history of the RCAC ever bogged a tank like this troop did).
- Averaged about 400 km per tank on exercise.

We returned to Lahr on the 25th. Earliest end of FALLEX in memory.

**OCTOBER.** Capt Eric Borylo, Lt Marc Richard, WO Rod McDougall, Sgts Degrouch Degruchy, «Ranshort» Rancourt, John Roby and MCpl Benny «Jaws» Paquin start RCD Combat Leaders Course at German Police Barracks, 30 students - all RCD.

On the 25th Bde HQ staff descended on regiment to do annual staff inspection. Gen Vance conducted Commander's Inspection on the 28th. Good inspection and results.

30th - the first annual RCD Volksmarch. An excellent very attractive medal brought out 3000 (plus) marchers. Good turnout of RCD families. Very well organized and Capt John Russell, Sgt «Spook» Strogal and WO Ziggy Stach awarded highly coveted Gold Boot by IVV.

**NOVEMBER.** First week filled with Leliefontein celebrations. Fun time! Combat Leaders Course ended. Considered quite successful. Leopard trades courses (D&M and Gunnery) started on the 14th with A Sqn (Capt John Moyer) responsible for gunnery and B Sqn (Lt Bruce McKinnon) for D&M. Recce Sqn ran Lynx drivers course. Thanks to CTC for providing gunnery instructors. Regiment provided tanks for Canadian Forces to qualify on the Leopard. CFSAOE had tanks for maintainer's courses and CTC Gagetown came over to use our tanks for Advanced Drivers' Courses.

**DECEMBER.** All courses ended during third week. Regiment allowed quiet period over Christmas and New Years. Preparations started for receipt of Leopard C1 and associated necessary training.

Squadrons, troops and crews did very well and we can rightly be proud of the YEAR OF THE LEOPARD - 1977.



## THE ROYAL CANADIAN DRAGOONS ASSOCIATION

<b>President:</b>	<b>Harry Gray</b>
<b>1st Vice President:</b>	<b>Pat Forgrave</b>
<b>Directors:</b>	<b>Walt Conrad; Pat Grieve; Larry Hansen; Dave Henderson; Spike Malone; Ed Neale</b>
<b>Ex-Officio Directors:</b>	<b>Col M.H. Bateman; LCol C. Milner; Col J.K. Dangerfield; CWO (RSM) G.R. Bennett</b>
<b>Secretary/Treasurer:</b>	<b>Syd Williams</b>
<b>Publicity &amp; Springbok:</b>	<b>Howey Langan</b>

### ASSOCIATION NEWS

The Association is alive and well having overcome the rigors of birth, like many new enterprises the bloom of newness wore thin and opening momentum began to fade. Reinforcements came forward to replace those who found it necessary to forego active participation in the top echelons and our paid membership shows improvement. The most recent changes at the top were the election of Harry Gray as President, and Directors Dave Henderson and Jack Walker. Syd Williams consented to carry out the responsibilities of Secretary/Treasurer.

Our annual meeting at Montreal was low in attendance but high in results. Perhaps an explanation about the location of the annual meeting is in order. Last November (1976) the Directors selected London, Ontario for the annual meeting and it was so announced in the Springbok. Initial arrangements were made with the Holiday Inn for the necessary rooms and services and the expense would have been high. A study of members' home addresses disclosed that less than 20 lived within 60 miles of London while nearly 125 lived in the Ottawa/Montreal area. The Directors changed the location from London to Montreal at the May Directors' Meeting and the members were so advised.

Here are a few highlights from the 1977 Annual Meeting:

Syd Williams has taken on the task of National Membership and will gladly accept your membership dues and any information concerning former Dragoons such as deaths, change of address, corrections to the membership rolls or new memberships. Write to him at:

Mr. C.J. Williams  
5303 - 49th Avenue  
West Laval  
Laval, Québec  
H7R 4A8

To compensate the Secretary/Treasurer for out-of-pocket expenses; travel and to a small extent his time, an annual honourarium not to exceed \$1,000 was approved by the members.

Col Bateman reported that a joint committee (RCD/RCR) has been working on the regimental centennial 1983. Steps have been initiated to produce a commemorative stamp, focussing public attention on the common birthday of both the RCD and the RCR. The committee is also working to raise funds for the celebrations.

LCol Milner reported that he has transferred \$4,000 to a special account to be held in trust for the 1983 celebrations. The regiment has begun a project to produce a complete, illustrated history of The Royal Canadian Dragoons for publication in 1983.

It is planned to produce and distribute a Newsletter to complement the Springbok. (Any suggestions for title, contents and layout are welcome). The first issue is to be mailed to Association members by Labour Day, which happens to be nine months from the time of writing this material.

The Association has budgeted \$1,000 to cover their share of the 1978 Springbok production costs. In view of the high cost of producing and mailing the Springbok it has become necessary to limit distribution within the Association to paid-up members. ERE Dragoons will continue to receive their copy directly from the regiment.

A sum of \$500 was approved to help defray some of the costs of research and production for a history of the regiment in South Africa. Mr. Hugh Robertson, Ottawa, is the author and his work will be completed by May 1979.

Syd Williams proposed that the Association present a set of four framed photographs of the regimental colours to the regiment. The Association are having another set framed for their own use.

Life membership fees have been increased to \$100 from \$50 with effect from January 1, 1978. This fee is more in line with the annual dues.

### FLASHBACKS

Although my appeal for input from the members received no response (perhaps because there was no by-line, name or address published in the last Springbok) the Secretary/Treasurer received a note and a picture from SQMS Glen «Taffy» Morgan of Niagara-On-The-Lake, Ontario. If the regiment is still using deuce-and-a-halves that are twenty years old maybe they could keep up with echelon mobility of 1934.





Teams of Belgians on parade for inspection by Gen Ashton, GOC, MD2 at Camp Niagara in 1934. The riders on the first wagon are Sgt Joe Martin and Tpr A. Baldwin. The Wagons were designed by Gen Ashton. ED NOTE: It is regretted to report that Taffy Morgan died of a massive heart seizure on 20 May 1977.

### DRESSING A SENIOR SUBALTERN:

In 1946 while the regiment was at Camp Borden, the Snr Sub was the official greeter at the officers' reunion. The only problem was that the Snr Sub had been recently transferred to the RCD and was dressed in a serge tunic and kilt. Many of the guests took this in stride (the Interim Force being in a state of transition anyway). However, one of the returning members was now the Vice Chief of Staff and had served with the regiment in the Permanent Force, thoroughly believing that a Dragoon must be dressed as a Dragoon!

After the reunion and in due course a parcel containing a serge uniform and addressed to the CO, but for the Snr Sub, arrived. The CO passed the parcel, relatively unopened, to the Snr Sub suggesting that he try it on and meet him in the mess.

A few minutes later the CO was approached by a familiar figure in unfamiliar get-up at the bar and hears: «Phillips, I think we should have a drink.» There was a very short pause and the CO replied «Of course sir, what would you have?» to a smartly turned out Major General. The CO and the «Major General» had one quick drink, compliments of the CO and then the Snr Sub retired to slightly modidy his new uniform with appropriate rank badges.

The cast of characters in this drama are familiar to all of us: MGen C.C. Mann, LCol H.A. Phillips and Lt J.H. Gray.

### HELP WANTED

I believe that all Dragoons are interested in the people who have served with the Regiment and particularly, about their peers. Association members' input to the Springbok and a potential news letter can be the medium through which mess and service anecdotes are published.

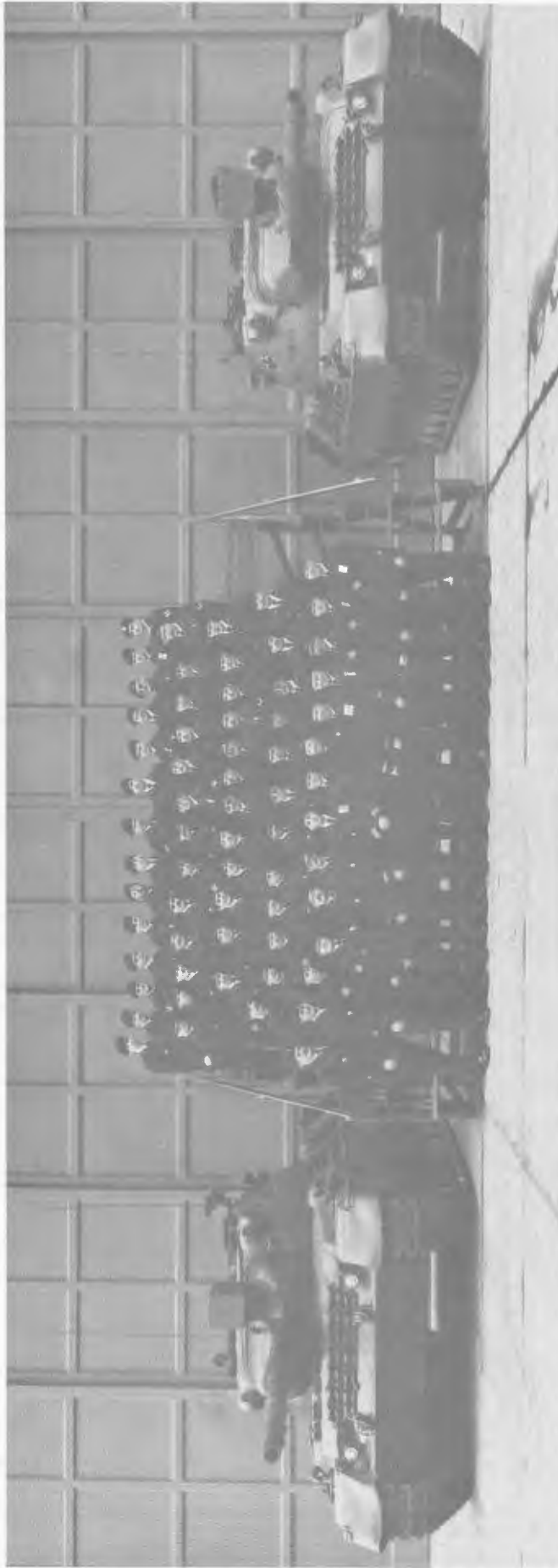
Please put pen to paper and send me any information, stories, experiences, achievements and so on concerning:

Any Boer War Veteran  
World War I personnel and stories  
The Permanent Force era  
Second World War  
Tripartite Commission in Indo China  
United Nations Service  
Regular Forces soldiering

Mail your submission to:

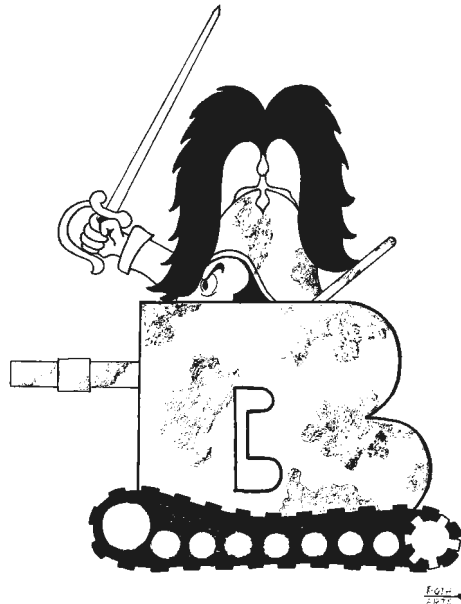
R. Howey Langan  
P.O. Box 237, R.R. No. 5  
Clinton, Ontario  
NOM 1L0





B SQUADRON 1977

## B SQUADRON



We started out the year with the 4 CMBG ski school. As usual we tried to ensure that the single, living – in soldier got first chance at it (statistics state these lads have the highest survival rate on the ski slope). This was followed immediately by intensive Leopard Conversion courses to ready us for our first gun camp in March. Our eagerly awaited Leopards had finally arrived and we were allowed to play with them. The high point was receiving the first ever speeding ticket for a tank. «Sheriff» Strogal does not appreciate being passed on the ring road.

Lt Mike Pacey joined our ranks at this time, taking over 4th troop from Lt Bill Allen who went into the LO slot vacated by Capt Vaughn Guy.

The Gun Camp went well, with everyone getting their first real taste of the Leopard. The last three days were spent selecting the CAT teams. B Sqn supplied two troops under the leadership of Lt (now Capt) Steve Moffat and Lt Mike Pacey. We finally lost Lt Dennis Moore after his fourth extension request was denied. Lt John Gredley took his place to become our token Hussar and troop leader 3rd troop. Poor WO McDougall is never going to keep his troop books straight.

After Gun Camp, the Regiment returned to garrison with the CAT team going off to practice gunnery and the remainder getting ready for Heuberg, both of which were in April.

The second gun camp was our Regimental Competition Gun Camp. B Squadron again captured the Rams Head Trophy for achieving the highest standard in gunnery and the Purdy Trophy for the inter Squadron gun camp.

We said good-bye to what seemed about half the squadron in July. Among these notables who left our midst were Cpl «Groovey» Kean, MCpl Joe «The Gippo» Cloake and Cpl «Gerney» Gernsbeck, along with a host of others. We also lost Major Dave Graham who went to C (now Recce) Sqn, Capt Herm Hirschfeld who went to sunny Suffield and SSM Marriott who decided he really wanted to find out what made HQ Sqn tick. In their place we received Major Angus Brown, Capt Des Hunter and SSM Jack Flannery.

With a new SHQ and a large number of new soldiers, the squadron took on a new personality and Munsingen provided the first opportunity for us to all work together. Mileage restrictions on the Leopards proved somewhat of a problem but on a whole the exercise period was most beneficial. One could always sit in the ever-running Pic game in the canteen shack under the watchful eye of the house croupier Cpl «Tiny» Perry.

The Squadron then went on to Hohenfels, Bde FTX and finally Reforger. «Gentleman» Jim Baird was always willing to give impromptu jump courses, usually from the second floor balconies of Gasthaus. Also Sgt Tony Turpin and Cpl Warren McKay of «Tony's Pizza» fame were on hand to ensure we always got a good meal.

One cannot forget to mention good old C/S 24 and 24B, who proved conclusively a Leopard is still a tank and not a swamp buggy. Those were great hull downs guys.

Our return to garrison once again proved the train system can take a four hour drive and make a day trip out of it.

Once back we sighed a breath of relief and then readied ourselves for the annual commander's inspection. A special note of thanks to WO Sandy and the boys for all their effort. Also at this time we lost Lt Gredley who was replaced by Lt John Richmond of PT fame. Also Capt Steve Moffat ascended the stairs to the Asst Adjt chair and was replaced by Lt Matt «Traffic» MacDonald.

The GOC's inspection went well. Even the weather was good. The Bde Comd was most impressed with our impromptu recce/APC version of the Leopard Tank.

November and December saw the squadron again involved in trade courses, a myriad of vehicle inspections and «Dog and Pony Shows». Our Christmas Party went well and, despite several accusations, our Xmas draw really was on the level.

We had a very hectic year with a big rotation, a new tank, and our usual exercises, but B Squadron managed to pull through unscathed.



**We gotta be on here somewhere!**



**Combat laundry..**



**Tpr Kucyk stands on guard for B.**



**I told you it was here!**

## THE SABCA - TANK FIRE CONTROL SYSTEM

*By Lt M.J. Pacey, RCD*

When the Royal Canadian Dragoons are equipped in the near future with the Leopard C1, they will have acquired one of the most reliable and highly mobile AFVs in the world as well as a tank whose speed and accuracy of firing will be virtually unrivalled.

This high degree of speed and accuracy will be brought about with the use of the «Tank Fire Control System» (TFCS), designed and produced by the Belgian firm of SABCA.

The TFCS consists of a laser rangefinder, a ballistic computer, a number of sensors that send information to the computer, and the gun control equipment.

When a tank crew wishes to engage a target, the crew commander gives his fire order and lays the gunner on the target. The gunner ensures he has a central point of aim and then pushes his laser trigger. This causes a highly concentrated beam of light to be emitted along the gunner's line of sight. This beam will be reflected by the target and part of it, known as the «laser echo», will be picked up by the laser receiver in the tank. Knowing the time it took the beam to travel to the target and return, the laser receiver calculates the range to the target and sends this range readout to the ballistic computer as well as showing it on two visual displays for the gunner and commander.

This range readout is processed through a computer which consists of a number of printed circuits that contain the ballistic data for all ammunition types fired. Before he lases, the gunner pushes an ammunition select button and it is the corresponding circuit in the computer through which the range readout is processed.

At the same time, the computer receives signals from several sensors that measure the change in factors affecting the trajectory of a round. These sensors measure: ambient temperature, atmospheric pressure, powder temperature, side wind, barrel wear, trunion tilt, and lead angle when tracking a moving target.

Taking the range and the information sent by the sensors into account, the computer calculates the proper firing angle and then automatically displaces the field of view in the gunners sight. By relaying on the target, the gunner is ready to fire. This entire process has taken approximately two seconds. When firing with the stabilization system on, the computer orders the system to move the gun to the proper firing angle and the cross-hair in the gunner's sight will stay on the target, thus further increasing the speed of engagement.

The TFCS includes a manual range drum to enable the use of known and estimated techniques and also allows a standard range, varying by ammunition type, to be set in the sight in order to engage surprise targets.

In the event of a system failure, the Leopard C1 includes a semi-ballistic gunners sight, the TZF 1A, as a back-up system.

In short, by combining the speed of laser rangefinding and a highly automated system with the accuracy of an exact range and the input of several sensors, the Tank Fire Control System ensures first round hits with APDS and HESH in the medium range band over 90% of the time and should only require two rounds of HESH when firing at long range up to 4000 metres.

In summary, the Royal Canadian Dragoons will soon be receiving a tank that, for many years to come, will rank among the best in the world.





## SPORTS 77

The Regiment had a good year in sports to complement our successes on the operational and training side.

### REGIMENTAL TEAMS

**RCD SPRINGBOKS WIN INTERMEDIATE HOCKEY PLAYOFFS!  
RCD WIN BASE VOLLEYBALL LEAGUE AND TOURNAMENT!**

These were the big headlines of 77.

**Hockey.** Coached by the RSM, the team turned a so-so regular season into a very successful play-offs. In the semi-finals, it went three games before the Springbok disposed of the Minor Unit Beavers. The win put them against the high flying regular season champs – the Van Doo. Supposed to be best of five, RCD fans watched as their team played excellent hockey and won 3 games to 0.



**Team captain Sgt Dick Elliott accepts CFEHL trophy.**

**Volleyball.** Playing coach Major Clive Addy brought his team through a long and successful season. Eventually finishing in top spot, they also put it together in the playoffs. In the finals it was RCD two games, Base/1 CAG 0 games.

In **Broomball, Soccer and Fastball** we were not as successful. SSM Flannery's broomball team lost in the quarter finals. Poor fan support might have contributed to this result. WO Veldhuisen's soccer team won only one game all season and it departed early in the quarter finals. The MWO Dick Watson/Sgt Gordie Whalen combo could not lead the unit fastball team past the quarters finals. No depth on the pitching staff was one reason they were eliminated 2-0 by Base Comm Group.

In spite of their losing, the Regt owes a Good Show to these three teams. The spirit and hustle of the teams provided good entertainment.





**CFE Volleyball Champions: (1 to r) Maj D.H. Henderson, Sgt R.W. Jeffreys, Maj J. Addy, Cpl R. Mitchell, Cpl M. Blue, Tpr R. Fairweather (sitting front). Absent: Capt V.P. Guy, Cpl D.E. Breen.**

#### INTER SQUADRON SPORTS

The winter sports program saw Recce Sqn dominate Volleyball and HQ Sqn win in Hockey. In the finals, it was HQ over Recce by 4-1 in hockey and Recce Sqn over B by 3 games to 0 in volleyball. CWO Roenspeiss of HQ selected the hockey league MVP, while B Sqn's Cpl Carpenter was named best goalie.

The Spring/Summer sports program was interrupted often by Leopard course, Gun Camp and Munsingen. Consequently, only abbreviated schedules were completed and no soccer final was run. Fastball ran a one game final in which Recce Sqn beat HQ by a 9-6 score.

#### MISCELLANEOUS SPORTS ACTIVITIES

The annual Leliefontein sports day provided keen competition as shown by the results.

	Volleyball	Floor Hockey	Swimming	Bowling	All Ranks Relay	Total
A	2	3	1	1	1	8
B	1	2	2	2	2	9
Recce	3	5	3	3	5	19
HQ	5	1	5	5	3	19

In the bowling event, Cpl Patrick walked off with the individual award.

The other individual award went to Tpr Harju of B Sqn who won the Col of Regt 1 1/2 Mile Race in not-ideal conditions. His time was excellent considering the strong headwinds - 9:08.



**CFEHL Intermediate Champions 1977. (l to r) (front row) Danny Whalen, George Locke, Doug Guy, Dickie Elliott, Benny Pacquin, Jean Duke Dube, Leroy Slaught. (rear) Gil Gillett (eqpt mgr), RSM Bennett (coach), Lou Doston, Luc Rousseau, Joe McIntyre, Frank Rowe, Doug Harvie, Dave Biener, Paul Rose, Jerry Gagné, André Nadeau, Wayne Guignon, Ray Gaudet, George Lanoue (eqpt), Mattie Matheson (mgr).**



## CORPS AND REGIMENTAL UPDATE

This is a short summary of activities of the past year as they affect the Corps and the Regiment and a small look at what is in store. Hopefully it will assist in keeping you current.

As most of you will be aware, 1977 was a very exciting year for both the Dragoons and the Armoured Corps as a whole. This short article will attempt to highlight the major items of interest to those of you who are in the bush and who have been away from it for awhile.

### NEW EQUIPMENT

Two new vehicles entered the Corps inventory this year, the Leopard A2 tank, on loan from the German Army and also prototypes of the AVGP.

The Leopard A2 of course is currently in use with the Regiment and has been found to be a very good tank. It is due to be replaced by the Leopard C1, a «Canadianized» version of the Leopard 1A3 tank including a very advanced tank fire control system produced by the Belgian firm SABCA.

The delivery schedule is on time and in fact may well allow for some tanks to be delivered early. The current schedule shows 31 tanks going to the Combat Training Centre (CTC) commencing with the first one on 15 Sep 78, fifteen more by 15 Nov 78 with the remainder following by 15 July 79. Our Regiment is next in line for the Leopards with our schedule looking like this:

	1 Sep 78	1 Nov 78	1 Dec 78	1 Jan 79	1 Feb 79	1 Mar 79	1 Apr 79	1 May 79
TOTALS	1	3	12	23	34	45	56	60
(Cumulative)								

In addition many excellent training aids such as TALAFIT, an electronic fire simulator, Laser IMR, and powered turrets for Cut-Away Instructional Mounts (CIMS) are included in the buy. All Regiments will receive some of these items. These will not only make training cheaper, but also most efficient and interesting.

The AVGP series including the Cougar, the wheeled APC Grizzly, and the recovery vehicle Husky is a little further «down the pipe» but prototype vehicles have completed live firing and stowage trials. Deliveries to CTC and Canadian units are scheduled to commence in Oct 78 with the contract for 350 AVGP completed by Apr 81. No AVGP are earmarked for the RCD at present.

Let there be no doubt about the doctrine for Cougar; it is a tank trainer and will be used to practice individual tank skills and tank tactical skills, with the overall aim of getting back into Combined Arms Combat Training.

The TOW anti-tank guided missile has also been acquired for the Corps less the RCD. The doctrine for this weapon as part of an armoured regiment is still under development.

### MANPOWER INCREASES/ORGANIZATIONS

The Defence Structure review resulted in a manpower increase for the CF of 4707, of which 1775 go to FMC, 244 for 4 CMBG and 66 to the RCD over a two year period. The Regiment will receive the first 33 men of the «stationed increase» by Jun 78 and the remaining 33 by Fall 79. In addition B Sqn 8 CH has been designated as the «fly-over squadron» to reinforce the RCD for operations or major exercises. The first flyover will be practiced in Jan 79 for Exercise Reforger. Given the stationed increase and a third tank squadron the Regiment will be close to its newly approved war establishment strength, and a very viable fighting machine.

The Canadian Regiments will be organized as Standard Brigade Group (SBG) Armoured Regiments likely consisting of three armoured squadrons, a reconnaissance squadron, and a headquarters squadron. The exception is the 8 CH which will have a tank squadron (B Sqn) located in Gagetown responsive to the CO RCD for operations and the Comd CTC for training taskings such as the crewman 6A and the Squadron commanders' courses.

At FMC headquarters an armoured cell has been formed to ensure proper armoured representation in the decision making powers and improve armoured communications with that headquarters. The outline organization is as follows:

SSO Armour	--	Combat development/Co-ordinating doctrine
SO Armd 2	--	Armoured doctrine
SO Armd 3	--	Equipment
SO Armd 3-2	--	Assists SO Armd 3
SO Armd 4	--	Training Standards and Development

### ARMOUR COMBAT DEVELOPMENT STUDY

This study has now commenced as part of the CF Combat Development Process which was reinstituted in 1975 to provide a systematic approach for equipment and organizational developments based on changing threats and new developments in science and technology. The Armoured Combat Development Study will be done on a full time basis, by a team consisting of a LCol from NDHQ and a Major from FMCHQ. There will also be a committee consisting of other armoured officers including the Regimental COs.

### PERSONNEL - OFFICERS

The salient features of this item are that there is no known attrition in the ranks of Maj, LCol or Col this year with the result that no promotions are forecast to those ranks; the Corps is still striving to achieve the desired 28% Francophone objective; and that a three day armoured seminar would be held at Armoured Dept CTC for all armoured candidates prior to each CLFSC (Kingston).



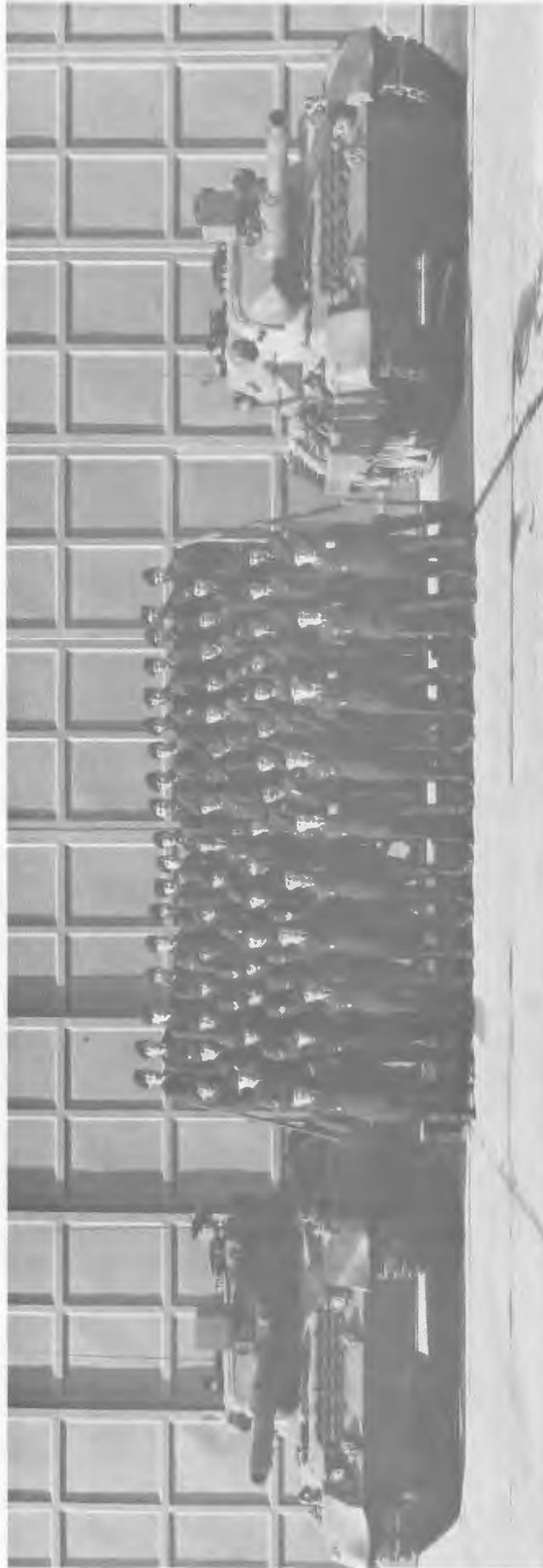
#### PERSONNEL - OTHER RANKS

The highlights of this topic are that the Corps is still short of its 28% Francophone objective; and that there is a shortage of 42 Sgts in the Corps making promotion prospects for junior ranks of high quality excellent. We will be identifying exceptional Tprs, Cpls and MCpls for accelerated promotion in order to alleviate this problem. It should be noted that because of the need to man B Sqn 8 CH with at least a skeleton staff of Leopard trained soldiers, a large percentage of RCD other ranks will be posted there this summer.

#### DRESS

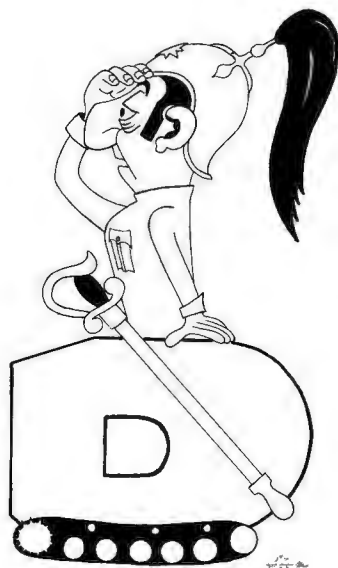
No update would be complete without at least mentioning developments in Corps and Regimental dress. The Armoured Corps will adopt the CF Blue Mess Dress with Regimental buttons, collar dogs and cavalry yellow cummerbund effective 1 Jan 78. For CF service dress a new gold on CF green «Royal Canadian Dragoons» in crescent shape and regimental buttons will be worn. For CF work dress the same regimental flash will be used. In addition the abbreviated RCD title will be worn on slip ons for all ranks. All these new items have been under production for over six months and have been promised by the end of January. As soon as these items are received by the Regiment they will be made available to you, it is hoped by the time this edition is published.





D SQUADRON 1977

## RECCE SQUADRON



Dear Mr. Editor,

Regrettably no one in Recce Sqn is capable of writing an article for the Springbok worthy of the high standard you have set. Therefore, I have enclosed extracts from letters sent to us by the mother of one of our troopers. They were used as supporting documents in a Ministerial Inquiry. The Inquiry dealt with his alleged persecution by another and friendlier trooper whilst serving in a tank squadron. However, this is not relevant to your request for an article.

I hope the enclosed letters will suffice in lieu of a more formal essay on Recce Squadron activities during 1977.

Dear Mom,

1 Jan 77

What luck! Today I was posted to Recce Sqn RCD. Finally, an end to brute tanking. Now I can really put my armour skills to work. Here is a photo of my Crew Commander Sgt Alchorn - What an inspiration.



Dear Mom,

27 Jan 77

A gun camp is coming up. The gunnery refresher training is not as intensive in Recce Sqn as in A and B Sqns. Of course we have to better develop other skills to survive. Also I have noted that the master weapon of the tank is not as symbolic to me as the Kinsey report makes it out to be. I pity the muscle heads who feel bigger is better. Maj Dean the OC (also called the Greek God) summed up gunnery and tactics by saying:

«The ability to bring mass destruction to the enemy with our .50 cal's must be tempered with the knowledge that we do not open fire unless:

- a. the enemy will not return fire;
- b. the recce mission will not be jeopardized; and
- c. MCpl Babineau, who has to be the worst shot in the Corps, is not involved in the fire fight.»

Dear Mom,

1 Feb 77

Heard today that Capt Meating, the 2i/c, is going on a course – Staff College or something. I think its a good idea. He will be able to formally demonstrate his inept abilities which so far have only been suspect. I remember him doing the recce of our route for the 2 x 10 km march. First he got our 2 1/2 ton stuck, then the M62 from the Regt, then another four more from 4 Svc Bn before anything got unstuck. This guy would challenge the patience of LCol Clive Milner. Here is a picture of him marking a trench location for the sentries and another of him with the other squadron officer holding him up. Thick as two short planks.



Dear Mom,

1 Apr 77

Have just finished the French Commando Course in Trier. Here is a picture of the guys who went and some of our instructors.

The course has to be the toughest thing I have ever done. You should have seen me. With hand to hand combat and a track pin I took on ten guys - but to no avail, Capt Forsythe made me go on the course anyway.

Learned some great stuff about explosives, hand to hand combat, raids, tank hunting etc. The course didn't help my buddy Fischer very much. He still can't beat up a Saran wrapped ham sandwich without hurting his hand. Here is a shot of Warrant Horgan rappelling down a cliff. Note how he suckered Capt Forsythe into doing the legwork. The other shot shows us anxiously waiting our turn to go down the suspension traverse. Thought I'd never stop throwing up.





Dear Mom,

15 May 77

Recce Sqn is just great. We have just done a credible job of disregarding the Annual Technical Inspection and have completed the Boeselager Competition. The Greek God said he wanted the meanest, toughest, owldest and horniest S.O.B.s in the sqn to go. The officers were happy with that because they didn't want to do it anyway. Capt Forsythe, MCpl Paquin, Cpl Wardrobe, Cpl Dyke, Cpl Vincent, Cpl Howatt, Tpr Whelan, Tpr Fischer, Tpr Bedford and Tpr Noel did an excellent job in the competition. They placed eighth out of twenty-five teams from six nations competing. The talents in this sqn continue to amaze me. It has a unique character, or rather, is full of unique characters.

Dear Mom,

Don't have much time to write today. A lot of training is going on and people coming and going with rotation to and from Canada. I wish I could list them all but I don't have the time or space. Let me just say that the half year to date in this sqn has been great. Really good people. And I think the new batch are going to be as good. One guy I should mention is a MCpl Tobin, who is apparently a specialist from the Combat Arms School. With air defence being revived in the army, he is supposed to be a cracker jack at the job. Here is a picture of him demonstrating air sentry duties.

I'll have to watch this guy. He is a streamer.



Dear Mom,

4 Jul 77

I forgot to mention the new OC. The Greek God, Maj Dean, is now at brigade HQ. (Serves them right the way they have treated us) Maj Dave Graham was a tanker from B Sqn. He must have done a good job because he got a lot of trophies for shooting and stuff. Major Brown, his tankie replacement, said he'd pick them up for him. Anyway, this guy Graham seems pretty fair. Pretty quiet too – he was in the squadron a week before anyone knew he was around. I think he is becoming paranoid. Everytime we go on exercise The RCD divorce us and HQ 4 CMBG keeps forgetting we are in the ORBAT. The OC stays back with SHQ. He doesn't expose himself like everyone else in the squadron. The SSM, MWO Martin, says he is a refreshing change in SHQ. The old OC couldn't play bridge.

Dear Mom,

Heard word today that Capt Forsythe whom we lent to HQ 4 CMBG (they deserved him too) won't be back. They want to keep him for another six months. MCpl McLean, our cook, couldn't be happier. He says between Forsythe, Capt «Canvas back» Borylo and Tpr Bernier, every meal is like a pie eating contest with those three around. He also thinks he could hold onto more rations longer if they learned to use a knife, fork and spoon.



Dear Mom,

5 Oct 77

Sorry I haven't written for so long but I couldn't get out of going on exercise to Munsingen, Hohenfels and on Reforger 77. The squadron exercise and training was excellent. We really got our teeth into the stuff brigade won't let us do – like reconnaissance. We even had another troop attached to us from the British Columbia Dragoons. They were pretty keen about the whole thing. Contrary to what others think, it is no holiday for them. I managed to get some great shots of Canada's «ambassadors» in Europe. Mom, you can rest secure knowing these men are defending your freedom.

Dear Mom,

Probably my last note before Xmas. The squadron wrapped the year up with an ALL Ranks Mixed Dance and a Kiddies Xmas Party. Kind of like the year – although we have worked hard it seems to have gone quickly and was for the most part enjoyable.





Round and Round we go!



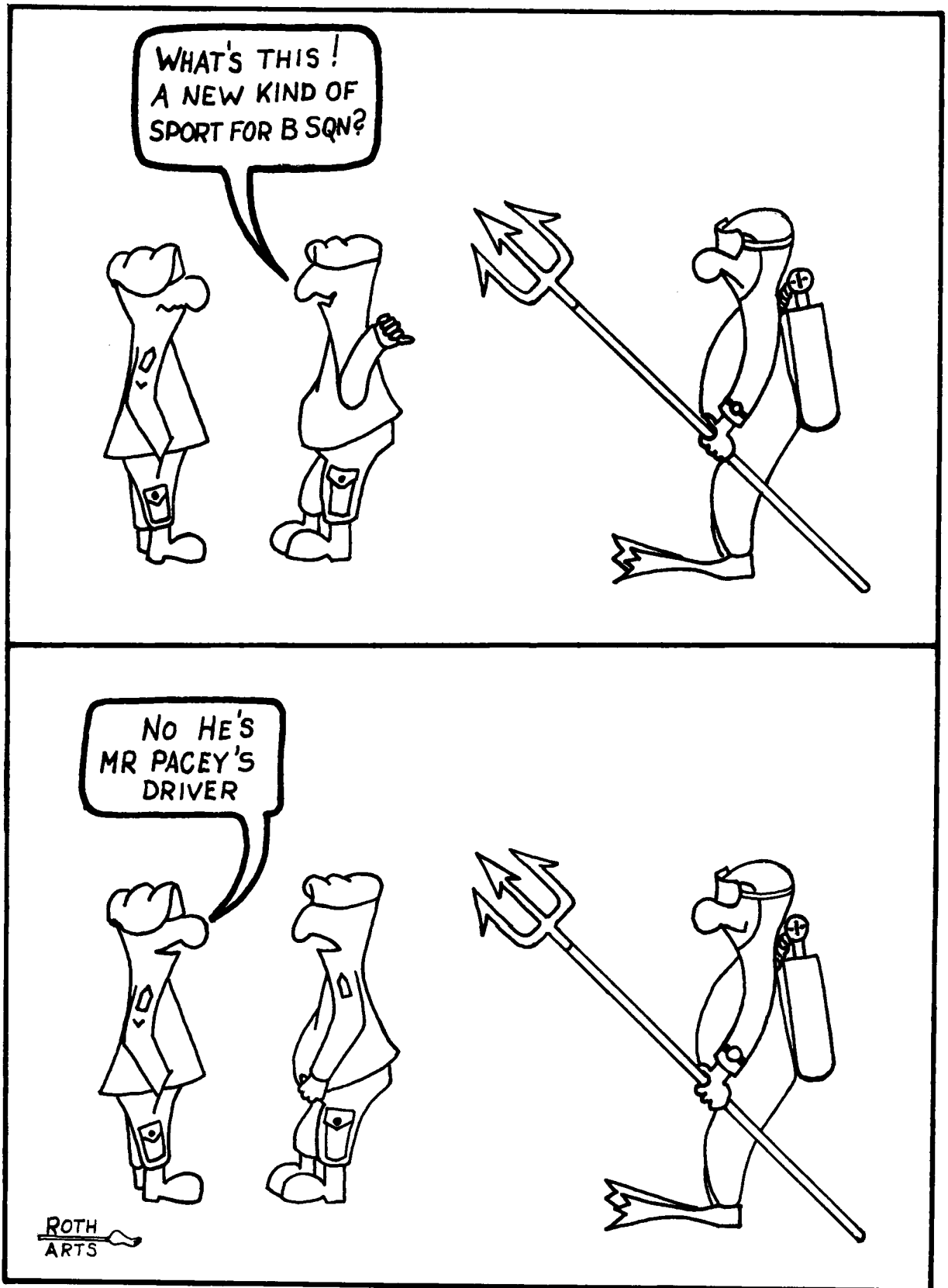
It's the waiting that gets you!



Hhmmm. . .







## THE RCD CADETS 1977

January, 1977, saw 2596 The RCD Cadet Corps, commanded by Maj Geoff Costeloe, almost half-way through its training year. After winning the Strathcona Shield for the 1975-76 training year, and with a strength of 36 cadets, the Corps was ready, and willing to take on just about everything. The regular training consisted of Thursday night training in the Kaserne, and on many Saturdays small bore shooting for qualification.

In February, Cdt/SSM Paul Aulenback, Cdt S/Sgt Paul Hope, and Cdt/Sgt Ken Klein went to Canada and passed their national Gold Star tests. WO Mulvey of the hospital instructed and tested the complete Corps on First Aid. He then selected a five cadet team to compete in a national Cadet First Aid competition in Canada in March. This was the first time the Corps had taken part in this competition and it placed seventh of 14.



**Col George Kells of TSHQ takes a close look at the members of 2596 The Royal Canadian Dragoons Cadet Corps during the presentation parade held on 3 Dec 77.**

April saw six cadets depart for Canada to compete in the Ontario Region Cadet rifle shoot. The team placed sixth out of 28, with Cdt/Sgt Richard Oliver placing third individually.

The Cadet drill team started practicing in January for the national competition to be held in April/May. Under the critical eyes of WO Tom Horgan and Cpl Dave Evans, the team won its chance to go to Canada for regional competition, under command of Cdt/Sgt Richard Oliver, but there was no space available on service aircraft.

The Annual Inspection was held in early June. This was the culmination of the year's training. Also in June, some cadets assisted in the Regiment's Centurion/Leopard ceremony. To end the month, the Corps visited the Lake District in Northern England and climbed Mount Skiddaw.

The cadet summer camps started in July and 33 cadets attended, from Resolute Bay, to Banff, to Ipperwash, Ontario, with Cdt/Sgt Richard Oliver and Cdt Stuart Sharpe doing especially well.



Col George Kells of TSHQ presents Cdt/Lt Paul Hope, Cadet Corps Commander, with the Strathcona Shield during a parade held in the caserne mini gym on 3 Dec 77. The shield is emblematic of the best Army Cadet Corps in the Eastern Ontario area. The 1976-77 training year was the second in a row in which 2596 The RCD Cadet Corps has won it.

September saw the Corps start up again, with Captain Brian Forsyth departing from the staff and Lieutenant Ray Richards signing on. After a few weeks of training, most of the Corps went to the Achern Ranges to fire the FNC1 rifle, while the First Level cadets worked on their drill. At the end of October, the complete Corps participated in a one day field exercise at Langenhard. The next day, it marched as a formed body in the RCD Volksmarsch. Several cadets also assisted with the Leliefontein parade in November, and participated in the Remembrance Day ceremonies.

On the third of December, Colonel George Kells of Training Systems Headquarters presented the Strathcona Shield to the Corps for its performance over the 1976-77 training year, this being the second year running the corps won this award. The year concluded with a Christmas Mess Dinner on the 15th of December.





## RCD WIVES CLUB

### Executive 1976-77

President — Sidonia Nichols  
 Vice-President — Carmen Lafontaine  
 — Irma Marriott  
 Secretary — Fran Locke  
 Treasurer — Rosa Chuet  
 Entertainment — Debbie Babineau

Community Representative — Rita Lepine

### Executive 1977-78

President — Rita Lepine  
 Vice-President — Brenda Horgan  
 Secretary — Fran Locke  
 Treasurer — Jeanette Arsenault  
 Entertainment — Kay Bennett  
 — Shirley Milner

Community Representative — Esther Bird

**January** — Business and discussion meeting to decide what projects would be undertaken during the following year, and to clear up old business.

**February** — Irma Marriott was elected as Vice-President to take over from Carmen Lafontaine who had just returned to Canada. The evening was spent finishing the drapes for the men's rest area. The ladies had already spent several work evenings sewing these drapes.

**March** — In March we were taught how to make macrame plant hangers by more experienced members of the club.

**April** — Craft items made by club members were on display. The ladies also had numerous work evenings quilting baby blankets for the Bazaar and a hooked rug is being done which will be auctioned off the day of the Bazaar. Sidonia nichols demonstrated how to make homemade Easter Eggs.

**May** — Our meeting was held at the CYC. Gail Johnson gave an interesting talk on the different projects of the Youth Centre. We also had a tour of the building. The elections for new officers took place this same evening.

**June** — Our June dinner was held at the Gasthof Berg in Langenhard. Past President Sidonia Nichols was presented a glass window painting and pins were presented to Sidonia Nichols, Brenda Martin, Barb Henderson and Donna Whyte who are all returning to Canada.

**September** — A Wine and Cheese Meet and Greet was held at the Community Centre to welcome all the new wives to the Regiment. Over 80 ladies attended. Volunteers were taken to model in the Fashion Show in November.





**October** — Major D. Ellison (Base Exchange Officer) and Mr. Bowlbey (Exchange Retail Manager) gave an informative and enjoyable talk on the Canex operation in Europe. Following the discussion, a Pot Luck supper was enjoyed by members and guests.

**November** — A new constitution written by Rita Lepine was discussed and approved.

**December** — The annual Christmas dinner was held at the Gasthaus Löwen in Friesenheim. An RCD spoon was presented to Joy Stratford, who is returning to Canada.

The club's special projects for 1977 year were:

1. The sewing of new drapes for the men's rest area.
2. The purchase of Regimental broomball sweaters.
3. The purchase of an Akia Sack for the Canadian Ski Patrol, Schwarzwald Division.
4. Two coffee and doughnut booths at the Merchants Fair.
5. Donation for the support of the RCD History Book which will be published in 1983.

The continuing projects are:

1. Hospital visiting. All dependent wives and children of the RCD are given flowers when they are in the hospital.
2. Each September the Club has a «Meet and Greet» to welcome the new wives who have come to the Regiment during the summer.
3. For two years running the Club has presented a Fashing Show, the first year for the Club and the second year for the community. It is anticipated that this will be a yearly venture.
4. In May we hold a craft bazaar at which the members also sell baked goods, pocket books, plants, etc. A rug is hooked during the year and is drawn for at the Bazaar.

## THE BLUES AND ROYALS 1977

The Regiment began the year with a tour in Northern Ireland (29 December 76 - 30 April 77). It was housed in Fort George, Londonderry and was possibly the first time a Regiment of Household Cavalry has been employed in an Infantry role.

On return, the Regiment began a trades training period, the major one for 1977. Along with this a comprehensive program was initiated for vehicle preparation for the Queen's Silver Jubilee Parade held at Sennelager 7 July. The Regiment paraded 40 tanks, 2 x 432's, 10 Scimitars and 4 x 438's and in addition provided 2 escorts of five Feret Scout Cars each.

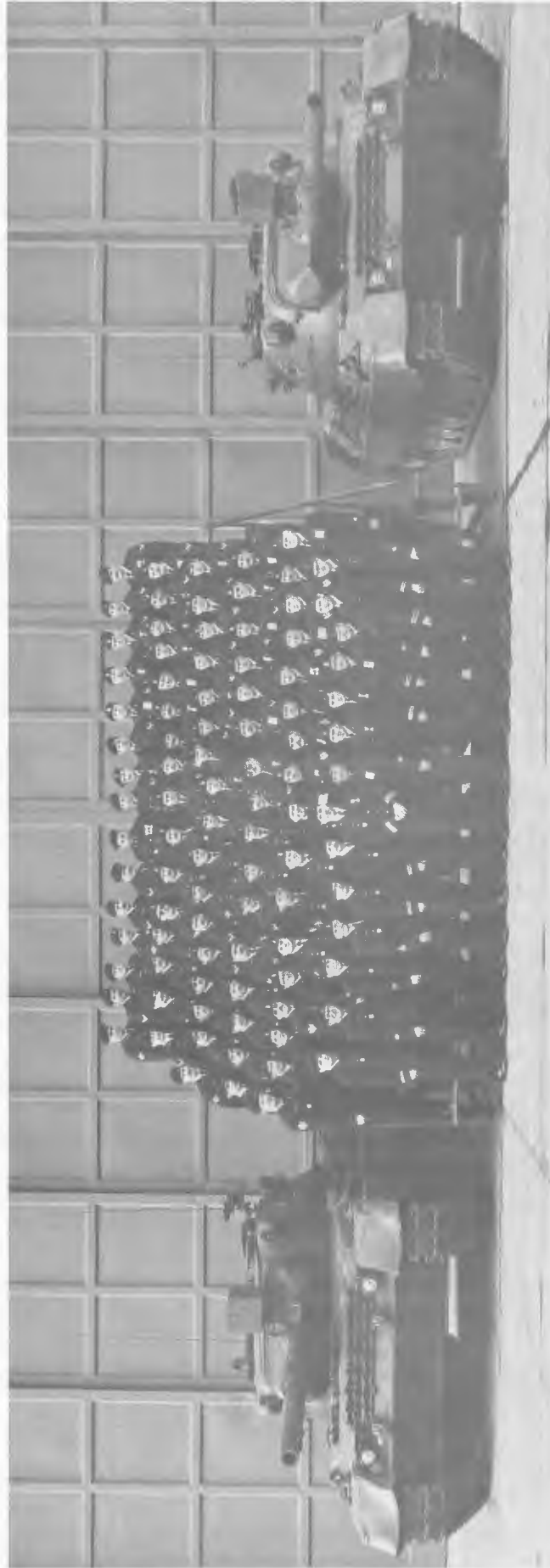
During the summer Trades Training, the Regiment was also involved in the Rhine Army Summer show, which is an annual sporting event.

August saw the Regiment at Hohne for their annual Tank firing qualification.

On completion of Gun Camp, the Regiment underwent a series of internal changes in order to become fully restructured by 1 Oct. As of then they included four Sabre Squadrons and a HQ Sqn.

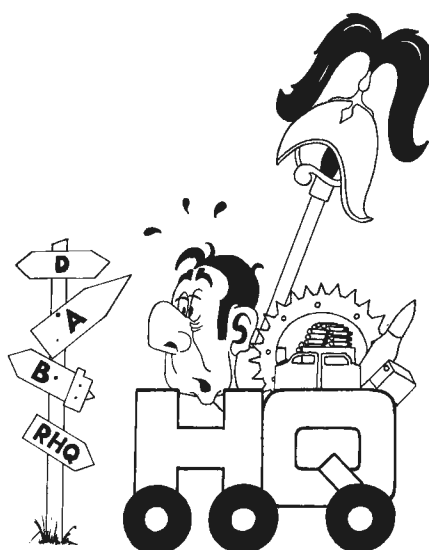
The next item on the agenda was tactics training at Soltau where they were visited by the Director of the Royal Armoured Corps.

The Regiment finished off the year with an FTX in mid November and final maint prior to the holiday season.



HQ SQUADRON 1977

## HEADQUARTERS SQUADRON



For HQ Sqn it was another action-packed, hectic, challenging and most of all satisfying year. We started in January preparing ourselves to give support to the Regiment for the up-coming training. February saw part of the squadron at Hohne supporting A and C Squadrons. In April, the CAT team was at Hohne and, as ever, HQ Sqn was there to support. Although not in the limelight of the performance, the behind-the-scenes responsibilities contributed to a successful CAT competition. Well done the CAT's ASS! (Canadian Army Trophy Administrative Support Staff).

During May we were blessed with rain for Family Day and for a «first» there were actually prizes left over. The SSM is still trying to find out where the CO and RSM were when the squadron took part in a tug-of-war. (There really was no weight limit, Sirs!). June came in with a parade for JADDEX who paid the Regt a farewell visit on his retirement. It also gave the Squadron time to do some maintenance and to «un-accumulate» some leave. Around this time there were a lot of changes within the squadron. Major Roger Acreman took over as OC; MWO Ron Marriott became our new SSM (Yes Ron, HQ Sqn has troops also); TQ/WO Dick Watson (now TQ/MWO) replaces MWO Larry Perron. New arrivals included WO Joe Laliberté to Maint Sect, CWO Dow, ETSM and Capt John Dewolfe, QM. There were many more new faces in the squadron and to all those who are so lucky, may I quote our new OC, «Welcome to HQ Sqn and the Regiment».

1977 has been one of the busiest years for the Regiment since WW II. It has provided considerable challenges to the Squadron which have been met without exception. It would be unfitting if the Squadron as a whole were not accorded an «excellent» and a «well done» on the close working togetherness that made our task that much easier, particularly during the fall exercises. To all members that rotated or left HQ Sqn for any reason, thanks and good luck on your posting. For those who are staying, 1978 will be another fully packed year.

### SPECIAL MENTIONS

To each and every member of HQ Sqn – thanks guys, you done good!

To the ROR - it's great the way you keep the paper flowing. How does a guy get to work in your bank surrounded by beautiful ladies the likes of Mrs. Cunningham, Mrs. Graves, and Mrs. Wilson.

To our cooks – tremendous! Where else can one enjoy the delights of Lamb Stew à la Munsingen.

To the QM and his gang – congratulations on the Centurion - Leopard handover which went without a «hitch».

To WO Russ «The pitchfork» Berry and his «mother truckers» – where would we be without you? And to Sgt Matty and his crew - thanks for getting Leliefontein set up.

To all the boys in Maint – right on - as technicians and as soldiers you're second to none.

To RHQ – never have so few done so much for so many - keep up the good work.

To the Sig Tp – Jimmy would be proud of you - now if only you had better and bigger accommodation.

To the UMS («Coldfinger» and «Easyriders») - we like your style - keep the «pomme frites» coming Doc.

### HQ SQN - QUOTABLE QUOTES

- |              |  |
|--------------|--|
| Cpl Gibson   | – Sir (OC), why do we park next to the padre?                              |
| OC           | – For overhead protection, Gibby, for overhead protection.                 |
| WO Laliberté | – Sir (SSM), why do the Americans frown on seminars at Hohenfels?          |
| SSM          | – Shut up and drink your root beer.  |
| OC           | – (Skulking up to guard post) Cpl . . . what's the password?               |
| Guard        | – (On loan from the Atlantic Fleet) What's the matter, Sir? You forget it? |
| MCpl Moreau  | – TQ are you really 100 years old?   |
| TQ           | – Moreau, pick a number starting at 7.                                     |

### It is a fact that

- Cpl Latham's beret while standing in the front rank can be adjusted from the rear rank?
- Cpl Brown now knows that the lump of steel in his rifle is a «BOLT».
- The QM really doesn't get lost! OOPS! (turned around).
- The TQ does have coveralls.
- All trailers have a C/S, but no radio.

# HQ SQUADRON ROUNDUP







**FAMILY DAY 77**



## LELIEFONTEIN 1977

On 7 November 1900, LCol F.L. Lessard and his Royal Canadian Dragoons were tasked with a rear guard action near the village of Leliefontein on the Koomati River in South Africa. The Dragoons distinguished themselves to such an extent that three members of the Regiment, Lt R.E.W. Turner, Lt H.Z.C. Cockburn and Sgt E.J. Holland, received the Victoria Cross.

Again this year, the Regiment celebrated this event with activities that were extensive and wide reaching. Starting off the week was the First Annual Leliefontein Volksmarsch at which almost 4000 medals were distributed. The Regiment received, as a result of the fine organization, the Golden Boot award. This IVV award has only been presented on 19 occasions in the past four years. Groups participating in the march included teams from the RCD cadets, 293 Panzer Bataillon, 12e Cuirassiers, and The Blues and Royals.

The next event was held on Tuesday night, 1 November, when members of the Regiment and guests jived at the Regimental dance in the Centennial Club. On Wednesday night, at the Regimental smoker, Recce Sqn outdid all competitors in the skit competition.

Thursday brought the sports competition. Tpr Harju won the 1 1/2 mile run and received the Colonel Bateman Trophy. Recce Squadron and Headquarters Squadron split the honours of «top jocks».

Friday's parade was held under threatening skies. Reviewing the parade was the Colonel of the Regiment, Colonel M.H. Bateman. MGen C.H. Belzile, BGen J.E. Vance and Col J.K. Dangerfield (he couldn't stay away) also viewed the parade. The Leliefontein awards were presented as follows:

Best Sergeant	—	WO J.J. Brissette, 12e RBC
Best Master Corporal	—	Sgt T.R. Copplestone, A Squadron
Best Corporal	—	MCpl D.P. Gray, A Squadron
Eckhardt Memorial Plaque	—	MCpl K.J. Miller, Regimental Headquarters.



Major Brown, on behalf of B Squadron, accepts the Purdy Trophy from the Colonel of the Regiment.

## DRAGOONS IN GERMANY

The British Columbia Dragoons have achieved a significant first for reserve armoured recce. They are supplying a complete Lynx recce troop to D Sqn (Recce) of The Royal Canadian Dragoons. The significance lies in the fact that the Lynx is neither the native recce vehicle of the reserves, nor is it normal for a reserve unit to supply a complete sub-sub unit to the regular army in Germany.

In the fall of 1976 rumors such as «reserves sending formed troop to the RCD» were just that — rumors — to the majority of BCD. However, rumor became reality in January 1977 when the BCD were requested to supply a complete Lynx trained recce troop of one officer and 14 other ranks to supplement Recce Squadron of The Royal Canadian Dragoons.

Last year the Quebec Militia Region sent a troop formed from militia units to act as RCD regimental recce troop. This year the RCD have two complete reserve troops. The Prince Edward Island Regiment provided 14 all ranks for the RHQ wheeled recce troop and the British Columbia Dragoons supplied 15 all ranks for a Lynx troop with Recce Sqn RCD.

The BCD, upon being notified of the requirement, immediately began arranging to have the future troop members supplement their normal training as much as possible.

The first step was to place seven members on the LdSH (RC) crew commanders conversion course — recce to light armour — held in Calgary for a period of two months. Concurrently four members took part in the LdSH (RC) TQ3 crewman course. At the end of this period six members were able to remain with the Strathcona's for their spring «Waincon». During April 11 persons took part in a live firepower demonstration from Huey Cobras of the 3rd/5th Air Cavalry Regiment in Yakima, Washington. The first of June saw two Lynx roll off a flat-bed at the armoury in Kelowna, thanks again to the Strathcona's. During the next four weeks every spare moment was spent on the vehicles.

The culmination was a training period for the regiment in Fort Lewis, Washington, home of the U.S. Army's 9th Division. Here the troop was given five APC's to simulate the Lynx. After 10 days of very intensive training the regiment returned to the Okanagan on 3 July.

From March to July members of the troop gave totally and freely of almost every weekend, plus a minimum of two evenings every week. This was done while continuing with their normal week-day civilian employment.

The BCD troop arrived in Lahr on 12 July and were designated 4 Troop Recce Sqn. Immediately they began a two week crew commanders' refresher and conversion course and a Lynx D&M course. The former was designed to acquaint the crew commanders with the European environment and the latter to qualify more Lynx drivers.







4 TP, RECCE SQN, RCD — (left to right, standing), Cpl M. Braam, MCpl S. Critchley, Cpl B. Rumsey, Cpl R. Rivers, Cpl C. Mennie, Cpl J. Stecyck, Cpl E. Sanderson, (kneeling) Sgt D. Dyck, MCpl P. McKerry, MCpl J. Boehler, Capt B. Stevens, Sgt K. Cooper and WO R. Cruickshank.

The next move was to «sunny» Munsingen for two weeks. All ranks had an excellent opportunity to really shake out in their new vehicles and get a feel for the European countryside including training with helicopters from «B» flight, 444 Tac Hel Sqn.

The squadron returned to Lahr on 18 August with a week to prepare for the final phases of fall training.

From 26 August to 22 September the real reason for being in Germany was experienced. Through participation in a squadron level exercise, followed by the RCD battle group exercise, a brigade FTX and finally, Reforger 77 the part time soldiers picked up invaluable experience and many skills.

They will be the first to admit that mistakes were made. But from them much was learned, creating better soldiers with a more open mind towards many facets of armoured recce.

Each year the reserves are being given more responsibility and more opportunity to put into practice the training they receive throughout the year. To a reserve soldier this trust shown by the regular army is immensely gratifying.

If the concept of training reserve soldiers in an environment so strongly conducive to learning is accepted, then all must agree that the only place for a contemporary reserve armoured soldier is with Recce Squadron RCD.

The reserve force in Canada can do nothing but move ahead by leaps and bounds if this type of training is made available on a regular basis.

This article would not be complete without expressing the sincere appreciation of all members of The British Columbia Dragoons to LCol Clive Milner, CO RCD, and Maj Dave Graham, OC Recce Sqn RCD, for their belief in this endeavor.

## LEOPARD MAINTENANCE WHAT DO WE EXPECT?

*By Captain A.G. Montgiraud, Maint O, RCD*

Undoubtedly 1977 has been for the RCD, the year of the Leopard. In order to affect the transition from the Centurion to this new vehicle it was necessary to train our personnel to a high degree of competence. Crewmen were very quick to adopt to this dramatic change. Just as crewmen had to relearn some of their techniques to operate the new tank efficiently, our technicians must now re-train in order to be able to maintain, inspect and repair the Leopard tank. In converting we have taken a giant step forward. Now our methods, procedures and techniques, whether they are related to the operator or the maintainer, should evolve and change where necessary.

For 25 years we have been accustomed to carry out maintenance functions in a certain way; a way that was dictated by the technical characteristics and design of the Centurion. Without even attempting to compare the two vehicles it becomes very obvious that, both from the technical and design point of view, differences exist. The much publicized maintainability of the Leopard tank has a tendency to lead us to believe that maintenance now has become an easy task. In some cases it has.

Power packing, for example, readily comes to mind. The power pack, comprised of the engine and the transmission, can be replaced in a matter of two hours and allows the maintainer to make a disabled tank serviceable again rapidly. Power packing is a relatively new technique and the users, as well as the maintenance system, have to adapt to this new way of doing things. It is no longer acceptable to the user to have a tank down for engine or transmission repair for more than three to four hours. The «System» has to be able to react to meet those times. But this is only one area of repair. Other items such as final drive and brakes still require considerable time to be replaced under field conditions and one should not generalize, assuming that all types of repairs are achieved very quickly. To appreciate the maintainability of the Leopard tank, we have to look at it from a different angle. More than anything, what we have gained is a very reliable vehicle and our experience with it, although limited, has demonstrated this great quality. It has to be realized, however, that this reliability is the product of two things:

1. A very high standard of engineering and quality control by the manufacturer;  
but more importantly
2. A very rigid system of technical inspections developed by the German forces.

Let's address ourselves to this second point.

Under this system, inspection frequency is based on engine fuel consumption or time elapsed since the last inspection. This is a very new departure from the way we used to carry out inspections. It is very sound, especially when we consider the amount of idling done by tanks. One might question the validity of the system when applied to the turret, but it is reasonable to assume that under operational conditions all turret equipment would be used just as much as the chassis running gear.

But why is it important to carry out those inspections? We are dealing with a fairly sophisticated piece of machinery which requires close monitoring and frequent adjustments in order to be reliable. Because of its high mobility the Leopard tank, notwithstanding a superior suspension system, is submitted to much more punishment, consequently putting sensitive gear out of adjustment, loosening bolts and connections, etc. Unless those items are checked regularly and fixed if necessary, failure will occur thus increasing down time. Those inspections are more than preventive maintenance. They are reliability builders and reliability means better, longer and surer utilization. It then becomes apparent that within our maintenance programs, extra emphasis should be put on technical inspections.

One thing, however, that hasn't changed is the key role that the tank crew has to play in the maintenance of the Leopard tank. Daily checks, specific functions during technical inspections and effective fault reporting to the maintenance personnel are still of prime importance. No matter how sophisticated our equipment gets, the operator will always remain the first echelon in the maintenance chain and, unless he carries out his function properly, the system will collapse before even getting off the ground.

If it appeared that, with the acquisition of the Leopard tank, maintenance was going to change drastically, a second look reveals that this is not so. Yes, we are dealing with a more sophisticated vehicle which incorporates some of the latest features found in armoured vehicles and, to this, we have to answer with appropriate training for our technicians. Also, some of the new techniques such as power packing require us to make minor changes to our maintenance concept in order to adapt and ensure that the best service possible is provided to the user. But the Leopard tank should not be looked at as some rare beast for which every concept and principle should be changed. It is a new vehicle and as such it requires a lot of care and attention if we want it to be able to perform its role. In that respect, nothing has changed.

## CHRISTMAS DINNER 77

The youngest trooper and the oldest Corporal became CO and RSM for a day at the annual Christmas Dinner. This year, Tpr Derek Janes was CO and Cpl Andy Dingwell RSM.



The high-priced help.



The real CO cuts the cake.



«RSM» Dingwell serves.

## REGIMENTAL KIT SHOP

The RCD Regimental Kit Shop is established to provide items of regimental interest to all former and present serving members. There is a small mark up charged to cover handling and to maintain a cash flow for the purchase of new stocks.

The items listed below can be ordered by writing to us at the following address:

Commanding Officer  
The Royal Canadian Dragoons  
Canadian Forces Post Office 5000  
Belleville, Ontario  
K0K 3R0

ATTENTION: REGIMENTAL KIT SHOP

Due to the fluctuating Canadian dollar it is requested that no money be sent with your order. You will be billed upon shipment to Canada. Payment on receipt is to be made by Deutsch Mark cheque. These are available at any Canadian bank.

Sources of supply are being investigated for Leopard/Springbok charms, Springbok silver spoons, ceramic beer and coffee mugs and necklaces. Hopefully these will be available this year.

## RCD KIT SHOP PRICE LIST — 1 JAN 78

Beret, black	DM	18.00
Plaque RCD small		20.00
Plaque RCD bronze		55.00
Plaque RCAC small		20.00
Plaque LdSH (RC) small		20.00
Plaque 8 Cdn Hussars small		20.00
Plaque FGH small		20.00
Plaque 12e RBC small		20.00
Mug tankard newter		18.00
Mug tankard with Springbok		21.60
Ladies Springbok broach rhinestone		33.00
Cravat RCD		6.00
Officers bronze cap badge		13.50
Officers gilt cap badge		13.50
Web belt plain buckle		5.00
Web belt with Springbok mounted		8.60
Crest jacket Springbok		1.70
Regimental Christmas card		.20
Decal RCD large		.10
Decal RCD small		.05
Writing kit RCD		11.00
RCD gold cufflink set		43.90
Officers gilt collar badge	pr	13.50
Regimental tie Irish poplin		18.00
Springbok stick pin silver		4.00
Book «The Spur and Sprocket»		2.50
RCD T shirt		10.00
RCD watch strap		2.00
RCD key chain		1.50
RCD saddle blanket		135.00
RCD lapel pin		2.50
RCD cummerbund		19.00
RCD blazer crest		30.00
RCD tie tack		15.00
RCD nylon squall jacket		20.00
1977 Volksmarch medals		8.00
Springbok car badge grille fitting		22.00
Cavalry sword with scabbard, case and gold plated sword knot		450.00

NOTE: Prices are subject to change without notice. Any substantial change will be advised prior to order being processed.



## EXTRA-REGIMENTALLY EMPLOYED OFFICERS

BGen C.G. Kitchen, CDLS (W)  
 BGen M.L.A. Weisman, DCDS  
 Col R.J. Brown, ADM POL/CPROG/DGOM/DMPC  
 Col P.H.C. Carew, CFB Suffield  
 Col J.K. Dangerfield, DCDS NDHQ  
 Col K.G. Troughton, Military Adviser, Austria  
 LCol E. Exley, FMCHQ  
 LCol R.D. Gross, RSS Central  
 LCol H.B.E. Lake, UNTSO Palestine  
 LCol J.B. Long, Dept of Justice  
 LCol W.A. Methven, CFCSC  
 LCol J.N. Murphy, FMCHQ  
 LCol G.J. O'Connor, CAS  
 Maj C.J. Addy, FMCHQ  
 Maj A. Alexander, 1 RCR London  
 Maj N.D. Ashton, CFOCS  
 Maj R.F.J. Berge, RSS Prairie  
 Maj K.R. Black, RAC Centre  
 Maj D.L. Bland, NDHQ/AU Ottawa  
 Maj J.B. Boileau, CFC Toronto  
 Maj R.H. Caldwell, CAS  
 Maj J.A. Dalton, FMCHQ  
 Maj E.R. Day, ADM (PER)/CPCSA  
 Maj D.M. Dean, HQ 4 CMBG  
 Maj L.G. Del Villano, RSS Atlantic  
 Maj B.R. Dixon, CFC Toronto  
 Maj R.M. Elrick, NRRHQ Yellowknife  
 Maj D.A. Henderson, DCDS  
 Maj L.O. Klein, CFCSC  
 Maj E.C.H. Latham, CDLS Washington  
 Maj A.G. Lawrence, ADM (PER)/CPCSA  
 Maj A. MacLean, ADM (PER)/CPCSA  
 Maj C.A. Sangster DCDS  
 Maj W.H. Smith, MARCOMHQ Halifax  
 Maj D.C. Summers, FMCHQ  
 Maj E.J. Wesson, RSS Pacific  
 Capt W.S. Andrews, CAS  
 Capt M.W. Appleton, CDLS London England  
 Capt H.L. Ayerst, CFB Borden  
 Capt E.D. Borylo, CAS  
 Capt T.J.I. Burnie, CAS  
 Capt E.P. Carey, RSS Central  
 Capt R.F. Carruthers, FMCHQ  
 Capt D.L. Craig, HQ 4 CMBG  
 Capt P.A. Cunningham, FMCHQ  
 Capt R.L. Dill, CAS  
 Capt J.R. Fournier, CAS  
 Capt W.J. Fulton, CAS  
 Capt J.C. Gowans, CFSME  
 Capt A.K. Hamilton, CAS  
 Capt H.M. Hirschfeld, SECLIST Suffield  
 Capt B.E. Hook, CAS  
 Capt R.E. Hook, CAS  
 Capt B.R. McCullough, RSS (Prairie)  
 Capt J.R. McKenzie, FMCHQ  
 Capt R.S. Millar, 1 CBG SIGS Calgary  
 Capt H.W. Mohr, CDLS London England  
 Capt B. Moore, CFCSC  
 Capt E.R. Moore, CFB Borden  
 Capt T.F. Pyne, HQ 4 CMBG  
 Capt G.L. Sangster, HQ CFB Europe  
 Capt R.K. Sashaw, RCAC  
 Capt J.R. Shaftoe, CFB Borden  
 Capt M.J. Tanguay, RSS Atlantic  
 Capt T.J. Tanguay, RAC Centre  
 Capt J. Thomson, CFSIT  
 Capt K.L. Thornton, CAS  
 Capt C.H. Watson, NDHQ  
 Capt G.W. Woollard, DRES

## EXTRA-REGIMENTALLY EMPLOYED OTHER RANKS

CWO D.A. Beattie, SECLIST Suffield  
 CWO E.A. Brown, CFB Borden  
 CWO H.S. Graham, RSS Central  
 CWO C.W. Yeomans, CFB Gagetown  
 MWO R. Allt, RSS Central  
 MWO J. Chuett, RSS Prairie  
 MWO G.H. Levesque, CFB Kingston  
 MWO A.L. MacAdams, CAS  
 MWO J. Makuch, RSS Central  
 MWO D.F. Murrin, CAS  
 MWO S.L. Patterson, CFNBSC  
 MWO R.G. Thody, 444 Tac Hel Sqn  
 MWO D.G. Thompson, CLFCSC  
 WO M.R. Alcock, CAS  
 WO L.T. Burgess, CAS  
 WO R.E. Conrad, CAS  
 WO M.J. Deighton, 444 Tac Hel Sqn  
 WO R.S. Farquharson, RSS Central  
 WO L.M. Grant, CAS

WO I.A. Hansen, CFNBSC  
 WO H.W. Hutchinson, CFTSHQ Trenton  
 WO L.J. Koelbl, CAS  
 WO L.J. Lafontaine, CFOCS  
 WO J.L. Martin, CAS  
 WO L.D. Nichols, CAS  
 WO T.S. Rutledge, CAS  
 WO W.C. Rutledge, 427 Tac Hel Sqn  
 WO R.H. Santer, RSS Atlantic  
 WO E.J. Smith, HQ CENTAG  
 WO L.H. Sutherland, CAS  
 WO H.R. Sutton, 444 Tac Hel Sqn  
 WO T.M. Swyers, CAS  
 WO T.E. Urbanowski, CAS  
 Sgt W.A. Battley, SECLIST Shilo  
 Sgt F.K. Beebe, CFRS Cornwallis  
 Sgt F. Bierhorst, CFRS Cornwallis  
 Sgt R.R. Boutillier, CAS  
 Sgt R.B. Brownbridge, CAS  
 Sgt R.M. Chisholm, CAS  
 Sgt C.F. Draper, CAS  
 Sgt J.J. Fluet, CAS  
 Sgt R.D. Good, 422 Tac Hel Sqn  
 Sgt V.V. Harvie, CAS  
 Sgt R.J. Hourihan, CAS  
 Sgt K.R. Jacobs, CFRS Cornwallis  
 Sgt T.E. Johnson,  
 Maritime Command, HQ Detachment, CFS St John's NFLD  
 Sgt J.H. Kelly, 403 Hel OTS  
 Sgt S.B. Lockyer, CAS  
 A/Sgt W.A. Moore, CAS  
 A/Sgt M.R. Morash, CFRS Cornwallis  
 Sgt K.W. McAllister, RSS Central  
 Sgt J.S. McNeil, CAS  
 Sgt R.N. McPherson, CAS  
 Sgt H.W. Nolte, CAS  
 Sgt F. Scaletta, RSS Prairie  
 Sgt B.B. Schiratti, ELFC St Jean  
 Sgt M.W. Tower, CFB Borden  
 Sgt R.W. Ward, CFRS Cornwallis  
 Sgt E.K. Welch, CLFCSC  
 MCpl N.L. Andrew, RSS Prairie  
 MCpl E.M. Beals, CFRS Cornwallis  
 MCpl B.J. Bergen, University of Ottawa  
 MCpl L.T. Bhutchen, CAS  
 MCpl J.J. Doiron, CAS  
 MCpl R.S. Dort, CFB Comox  
 MCpl R.A. Douthwaite, LETE/NDHQ  
 MCpl E.J. Garnier, CAS  
 MCpl L. Grandy, CAS  
 MCpl B.D. Justason, CAS  
 MCpl J.M. Lamarche, CAS  
 MCpl J.D. Millard, CAS  
 MCpl L.L. Murphy, CAS  
 MCpl J.G. Nemeth, CFRS Cornwallis  
 MCpl N.L. Raymond, RSS Atlantic  
 MCpl J.G. Roberts, RSS Central  
 MCpl J.R. Simard, CAS  
 MCpl B.G. Stewart, CAS  
 MCpl M.W. Sullivan, CFRS Cornwallis  
 MCpl G.G. Tibbo, CFRS Cornwallis  
 MCpl F.T. Valley, CAS  
 MCpl L.D. Vickers, CFJLS Borden  
 MCpl D.C. Votour, CAS  
 MCpl R.T. White, SECLIST Suffield  
 MCpl A. Young, CFB Gagetown  
 Cpl L.J. Bastarache, CAS  
 Cpl L.W. Brown, CFB Comox  
 Cpl H.A. Campbell, CFB Gagetown  
 Cpl D.D. Courtney, CAS  
 Cpl C.R. Elvin, CAS  
 Cpl L.J. Forbes, CAS  
 Cpl A.A. Gallant, CAS  
 Cpl G.A. Gernsbeck, CAS  
 Cpl G.T. Hunt, CAS  
 Cpl D.M. Kelly, CFB Petawawa  
 Cpl J.E. Kolody, LETE Ottawa  
 Cpl J.L. Labelle, CAS  
 Cpl D.W. Lantz, CFB Comox  
 Cpl D.A. MacRury, CFB Calgary  
 Cpl R.B. Marchioni, CAS  
 Cpl R.B. McDonell, SECLIST Suffield  
 Cpl O.E. McEvoy, CAS  
 Cpl D.W. Nash, CFB Comox  
 Cpl W.M. Porter, CFB Petawawa  
 Cpl J.J. Quan, CFB Gagetown  
 Cpl J.E. Rediker, 22 Fd Sqn Gagetown  
 Cpl G. Tetreault, RSS (Eastern)  
 Cpl K.B. Underwood, CAS  
 Cpl L.G. Zinck, CAS

# In Memoriam



**Brigadier (Ret'd) E.L. Caldwell, MID**  
**Commanding Officer, The Royal Canadian Dragoons, 1936-1941**  
**1899-1978**

**Trooper Steven Lance Tarleton**  
**4th Troop, B Squadron**  
**1956-1977**

**Cadet Squadron Sergeant Major Kenneth Klein**  
**The Royal Canadian Dragoons Cadet Corps**  
**1963-1978**